

628.1
Am 8
v. 36

Acting Chemical

ILLINOIS STATE WATER SURVEY
LIBRARY COPY

Thirtieth Annual Report



Board of Water Commissioners

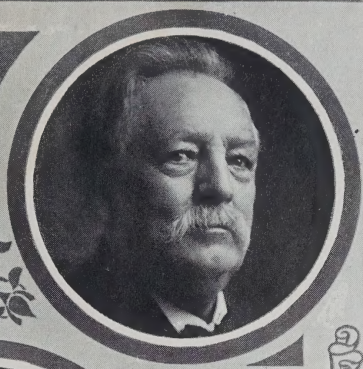
City of Amsterdam, New York

THE LIBRARY OF THE
MAY 8 1962
UNIVERSITY OF ILLINOIS

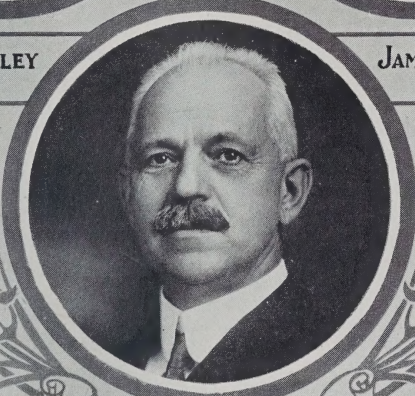
1911



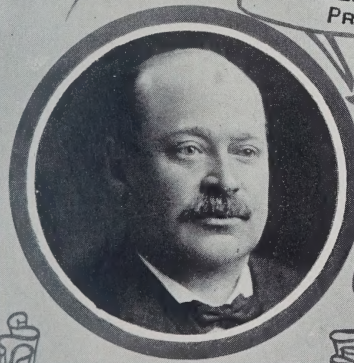
DANIEL H. KELLEY
SECRETARY



JAMES T. SUGDEN
TREASURER



CHARLES C. YUND
PRESIDENT

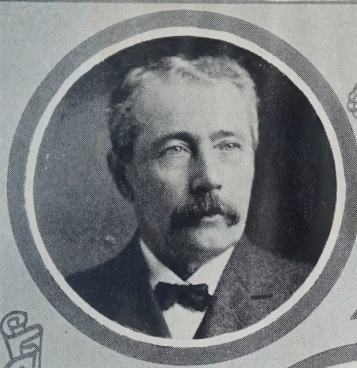


ALBERT W. BREEDON



R. F. OWENS

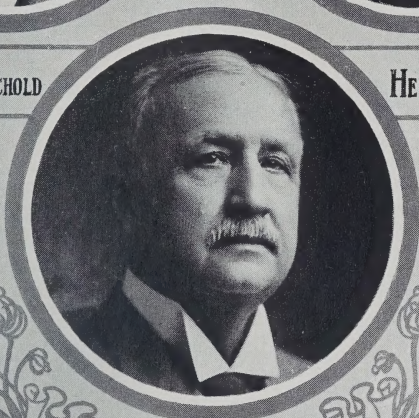
THE LIBRARY OF THE
MAY 8 1942
UNIVERSITY OF ILLINOIS



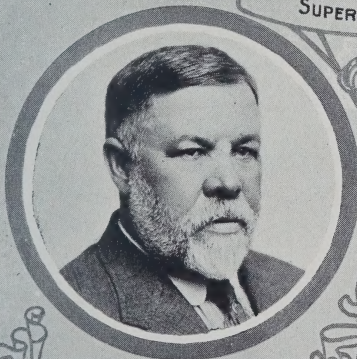
BERNARD P. MACHOLD



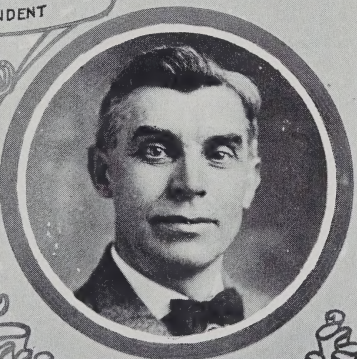
HENRY BECKER



JAMES R. SNELL
SUPERINTENDENT



WILLIAM MCGLEARY



JOHN P. NELSON

Thirtieth Annual Report

—OF THE—

**WATER
COMMISSIONERS**

—OF THE—

CITY OF AMSTERDAM

THE LIBRARY OF THE
MAY 8 1942
UNIVERSITY OF ILLINOIS

MAY 1st, 1911

AMSTERDAM, N. Y.
EVENING RECORDER PRINTING HOUSE
1911

Water Commissioners of Amsterdam

1911

	Term Expires
JAMES T. SUGDEN, Treasurer.....	May 1, 1912
WILLIAM McCLEARY, President.....	May 1, 1912
BERNARD P. MACHOLD.....	May 1, 1912
JOHN P. NELSON.....	May 1, 1913
ROBERT F. OWENS.....	May 1, 1913
HENRY BECKER.....	May 1, 1913
FRED R. GREENE.....	May 1, 1914
DANIEL H. KELLEY, Secretary.....	May 1, 1914
WALDIMER C. SCHAUFLE.....	May 1, 1914

OFFICERS 1911.

Wm. McCleary.....	President
Daniel H. Kelley.....	Secretary
James T. Sugden.....	Treasurer
James R. Snell.....	Superintendent
J. Spencer Fisher.....	Clerk
Chas. S. Nisbet.....	Attorney

COMMITTEES.

Finance.

Bernard P. Machold, Chairman.	
John P. Nelson,	Fred R. Greene.

Land and Land Damage.

Henry Becker, Chairman.	
Robert F. Owens,	W. C. Schaufler.

Purchasing and Supplies.

Robert F. Owens, Chairman.	
Bernard P. Machold,	Henry Becker.

Trench and Pipe Lines.

John P. Nelson, Chairman.	
Henry Becker,	Fred R. Greene.

Water and Meter Rates.

W. C. Schaufler, Chairman.	
Robert F. Owens,	Bernard P. Machold.

Legislation.

Fred R. Greene, Chairman.	
John P. Nelson,	W. C. Schaufler.

In compliance with Sec. 19, Chap. 101, of the laws of 1881, state of New York, an act to provide for a supply of water in the village (now city) of Amsterdam, and to exempt said village (now city) from the provisions of chapter 181, of the laws of 1875, the said Water Commissioners herewith and herein submit their thirtieth annual report.

The Board was organized May 1, 1911, and the following officers elected: William McCleary, President; Daniel H. Kelley, Secretary; James T. Sugden Treasurer.

Report of the Board of Water Commissioners

The Board of Water Commissioners respectfully submit their thirtieth annual report for the year ending April 30, 1911.

Superintendent's Report

To the Water Commissioners:

Gentlemen:—Agreeably to the rules relating to the duties of superintendent, I have again the honor and pleasure to submit my annual report for the year ending April 30, 1911, which includes the treasurer's report, a general statement of the working of the system, condition of affairs and state of finances, including a full detail of the amount expended in this department.

Financial.

The cash receipts from water sold by meter

amounts to.....\$ 23,545 61

For domestic use 1910-11 and previous

years..... 50,046 85

Making total net earnings for 1910-11.....\$ 73,592 46

Miscellaneous items as per exhibit A..... 84,233 46

\$157,825 92

Cash on hand, April 30, 1910..... 28,919 90

\$186,745 82

EXTENSION OF WATER MAINS.

There has been laid during the present year, 7,770 feet of cast iron pipe in the following streets:

Ann street.	468 ft.,	8 in. cast iron pipe.
West Main street.	597 ft.,	6 in. cast iron pipe.
Church street.	235 ft.,	8 in. cast iron pipe.
River street.	12 ft.,	10 in. cast iron pipe.
Rockton street. . . .	916 ft.,	6 in. cast iron pipe.
Northampton road.	331 ft.,	10 in. cast iron pipe.
Brookside avenue. .	1,985 ft.,	6 in. cast iron pipe.
Vrooman avenue. .	1,249 ft.,	8 in. cast iron pipe.
VanDerveer street.	1,801 ft.,	6 in. cast iron pipe.
Sloane avenue. . . .	176 ft.,	8 in. cast iron pipe.

7,770 ft.

Making 45 miles, 4,346 feet of cast iron pipe in the city distributing system.

The contracts for laying, backfilling, furnishing lead, jute and calking pipe were let to the following persons at prices named below:

Ann street, at \$1.30 per lineal foot to Joseph Lyons.

West Main street, at \$1.35 per lineal foot to Joseph Lyons.

Brookside avenue, at 70c per lineal foot to Joseph Lyons.

Rockton street, at 24½c per lineal foot to Nicolo Jambottisti.

Vrooman avenue, at 73c per lineal foot to Nicolo Jambottisti.

VanDerveer avenue, at 38c per lineal foot to F. Bellen & E. DeRosa.

Sloane avenue, at 94c per lineal foot to F. Bellen & E. DeRosa.

Northampton road, at 69c per lineal foot to Nicolo Jambottisti.

Connections made with the Water works Equipment Company's tapping machine without shutting water off the main.

- 1 8" Water works Equipment valve, Railroad St.
- 1 6" Water works Equipment valve, Wall St.
- 1 10" Water works Equipment valve, East Main St.
- 1 6" Water works Equipment valve, Fourth Ave.
- 1 6" Water works Equipment valve, Brookside Ave.

VALVES SET.

- 6 6" gate valves, VanDerveer Ave.
- 5 6" gate valves, Brookside Ave.
- 2 6" gate valves, West Main St.
- 2 8" gate valves, Ann St.
- 1 8" gate valve, Church St.
- 3 6" gate valves, Rockton St.
- 1 10" gate valve, Northampton road.
- 3 8" gate valves, Vrooman Ave.
- 1 8" gate valve, Sloane Ave.

24

Making 607 in the distributing system.

HYDRANTS SET.

- 8 6" hydrants on Brookside Ave.
- 7 6" hydrants on VanDerveer Ave.
- 3 6" hydrants on West Main St.
- 1 6" hydrant on Ann St.
- 1 6" hydrant on Church St.
- 3 6" hydrants on Rockton St.
- 1 6" hydrant on Northampton road.
- 5 6" hydrants on Vrooman Ave.
- 1 6" hydrant on Sloane Ave.

30

Making 514 in the distributing system.

REPAIRS FOR YEAR—BROKEN HYDRANTS.

Broken hydrant on Wall street taken out and replaced with new one.

Broken hydrant on River street taken out and replaced with new one.

Broken hydrant on Market street taken out and replaced with new one.

Broken hydrant corner Church and Main streets taken out and replaced with new one.

Broken hydrant in front of Cases' Bottling Works on East Main street taken out and replaced with new one.

Repaired hydrant along N. Y. C. tracks in front of Gas Co.

Repaired hydrant on Hewitt St.

Repaired hydrant on Greene St.

Repaired hydrant on Northampton road.

Repaired hydrant on Summit Ave.

Repaired hydrant on upper Church St.

Repaired hydrant corner East Main and Elk Sts.

Repaired hydrant in front of Wilkie & Platt's store on East Main St.

Repaired hydrant at corner of Center and Broad Sts.

Repaired hydrant corner Wall and Mechanic Sts.

Repaired hydrant corner Henrietta St.

HYDRANTS MOVED AND RAISED.

Moved hydrant at corner Division and Evelyn Sts.

Moved hydrant on Wall street and raised higher.

Raised two hydrants at Grieme's shop.

Raised hydrant on Wright St.

PIPES LOWERED.

Lowered 72 feet of six inch pipe in the south side creek near Grieme's.

Lowered 15 feet of cast iron pipe on the west side of canal arch below Grieme's shop.

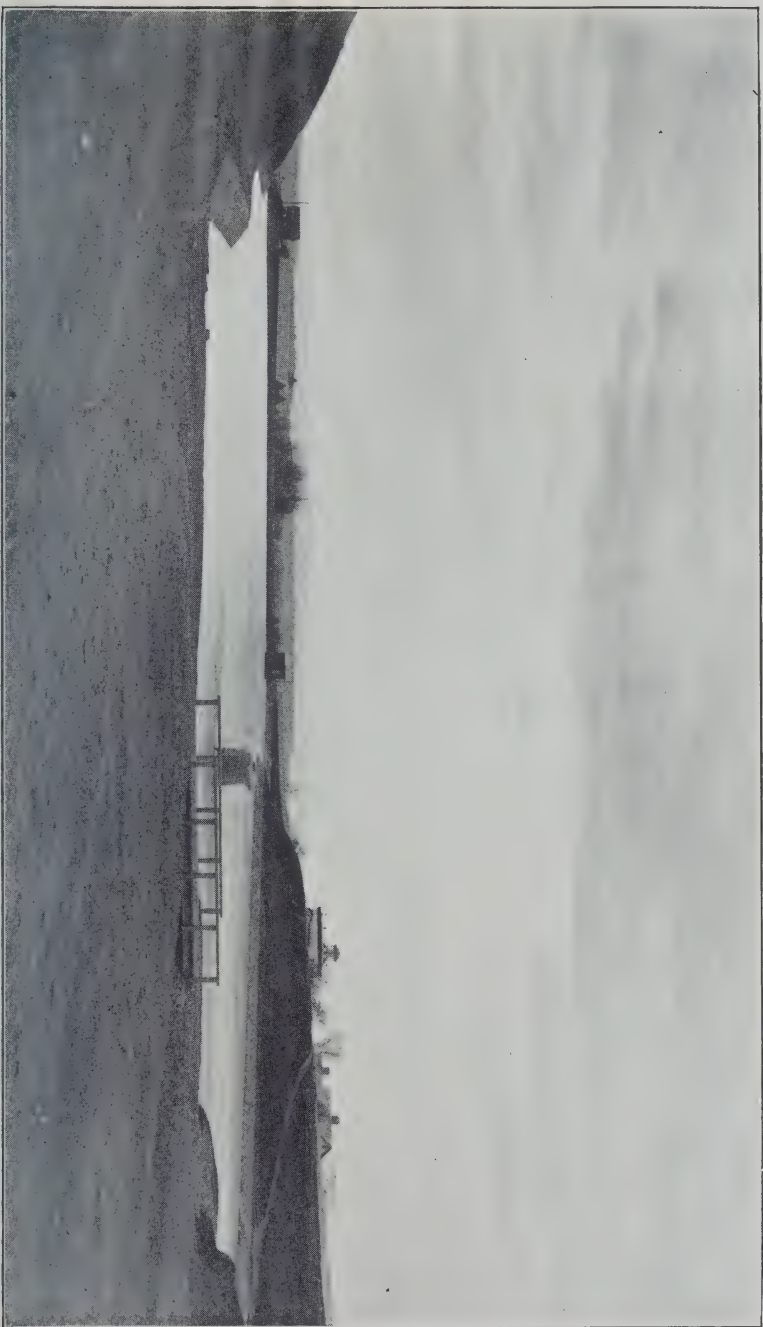
Placed 4" tee in main for Lenehan Bros., on Liberty St.

Placed 4" tee in main on Charles St.

BROKEN MAINS.

Broken main on Forbes St.

Broken main on upper Brookside Ave.



LOWER DISTRIBUTION RESERVOIR. CAPACITY 100,000,000 GALLONS.



OUTLET END, 36-INCH BUNN CREEK DIVERTING CONDUIT.

... and ...

Broken main in the river.

Broken main on canal crossing near Grieme's mill.

REPAIRS TO VALVES AND VALVE BOXES.

Repaired 6" valve on Schuyler St.

Repaired valve on corner of Florida Ave. and Broad St.

Repaired valve on East Main street near Elk St.

Repaired valve on Wall St.

New valve box complete at corner Pearl and West Main Sts.

New valve box at corner Wall St.

REPAIRS TO HORSE FOUNTAINS.

Lowered horse fountain at corner of East Main and Washington Sts.

Repaired horse fountain on upper Church St.

Repaired horse fountain on Cleveland Ave.

Repaired horse fountain on West Main St.

Repaired horse fountain on corner of Meadow and Market Sts.

GLEN WILD RESERVOIR.

This reservoir was full July 1st, 1910, no water having been drawn from it until this date. From this time until January 3d, 1911, when the valves were closed, it had reached 10 ft. 6" down. This point represents practically 625,000,000 gallons of water left in the reservoir. The following shows the use of the water for the several months that the valves were opened:

July, 1910, lowered.....	6"
August, 1910, lowered.....	3 ft., 6"
September, 1910, lowered.....	2 ft., 10"
October, 1910, lowered.....	3 ft.
November, 1910, lowered.....	2"
December, 1910, lowered.....	6"
	<hr/>
	10 ft., 6"

May 1st, 1911, the water had gained 2 ft., 6," leaving it down 8 ft. The first time the reservoir had failed

to fill and run over the spillway from one to three feet since it was built.

COOK DAM.

June 9th, 1910, the dam overflowed 6." On July 5th, the water was all drawn out. It gained a few feet in August and on August 23d, it was empty. During the month of September, October and November, very little water was used from it. On December 13th, 1910, it was empty; January 13th, 1911, it had filled again; March 9th it was empty again but the flow of the stream supplies us with all water necessary for the city's use. April 4th, it was running 3" over spillway and has been running over to the present time.

LITTLE ROUND LAKE.

It was full July 8th, 1910. On that date the valve was opened and water was turned into the Hanns Creek and Cook Dam. The lake with some water from the Glen Wild reservoir, supplied the city until August 2d, when all the water—12 ft.—that could be taken from the lake was drawn out. The lake commenced filling slowly during the fall and winter and at the present time is one foot below the spillway, the first time in the history of the little lake, it has failed to fill.

RAINFALL AT GLEN WILD.

1910.

May.....	7.90
June.....	.50
July.....	2.30
August.....	1.00
September.....	5.60
October.....	.75
November.....	1.00
December.....	3.25

1911.

January.....	6.25
February.....	1.25

March.....	2.90
April.....	2.50
	<hr/>
	35.20

WATER FOR THE CITY FREE.

Water that the city furnishes without revenue or compensation to the Water Department is enormous.

SCHOOLS.

In figuring the school houses at the rate that we would charge private families the amount would be as follows:

Fourth ward school.....	\$110 00
Third ward school.....	120 00
Milton avenue school.....	120 00
Eighth ward school.....	90 00
East Spring street school.....	140 00
West Spring street school.....	140 00
Fifth ward school.....	110 00
Amsterdam High school.....	150 00
Spring street school.....	130 00
Academy street school.....	110 00
St. Mary's school.....	150 00
St. Joseph's school.....	100 00
St. Stanislaus' school.....	120 00
Arnold avenue school.....	140 00

FIRE STATIONS.

Fire house No. 1, Chuctanunda street...\$	30 00
Fire house No. 2, Market street.....	30 00
Fire house No. 3, Locust Ave. and Lyon St.....	30 00
Fire house No. 4, Chestnut and Bunn Sts.	30 00
Hook and Ladder house, Livingston St..	30 00
514 Fire hydrants @ \$20.00 each.....	10,280 00

LIBRARY.

Amsterdam library, corner Livingston and Church Sts.....\$	25 00
---	-------

HOMES.

Children's Home, Spring St.....	\$ 60 00
Old Ladies' Home, Spring St.....	60 00
City Hospital.....	100 00
St. Mary's Hospital.....	100 00
	<hr/>
	\$12,605 00

The items above mentioned amount to Twelve Thousand Six Hundred and Five Dollars, for which the Water Department gets no credit in dollars and cents. There are seven horse fountains which are worth at least twenty-five dollars (\$25.00) each or one hundred and seventy-five dollars (\$175.00) for all. There is used at least, through the summer months, two hundred and fifty thousand (250,000) gallons daily for flushing sewers.

There are at the present time five hundred and fourteen (514) fire hydrants, which are charged up in a great many cities at from \$20 to \$40 per hydrant for each year. These hydrants at \$20.00 per hydrant would make a total of \$10,280.

RECOMMENDATIONS**ROGERS-McQUEEN SYSTEM.**

For something more than a year no water has been received from these streams, they having been condemned by the State Board of Health. This source of supply is good for an average of one and one half million gallons of water daily. It is spring water and much more palatable than that from our other sources. For many years, 1882-1890, it constituted our sole source of supply. This system has been practically abandoned for more than a year. In my judgment this is a mistake.

I recommend that steps be taken to permanently clean up this water shed. Heretofore our efforts at cleaning up have been temporary in character. My suggestion is that the necessary additional lands be acquired and the necessary additional pipe be laid to permanently remove all danger of contamination. I believe the investment in this system is too large to be abandoned, that the quantity of water which can be delivered is sufficiently large to constitute an important fractional part of the city's needs and that the rehabilitation of this system will defer for some time the necessity of additional storage dams at Glen Wild.

PIPE LINE FROM KELLOGG RESERVOIR TO CITY RESERVOIR.

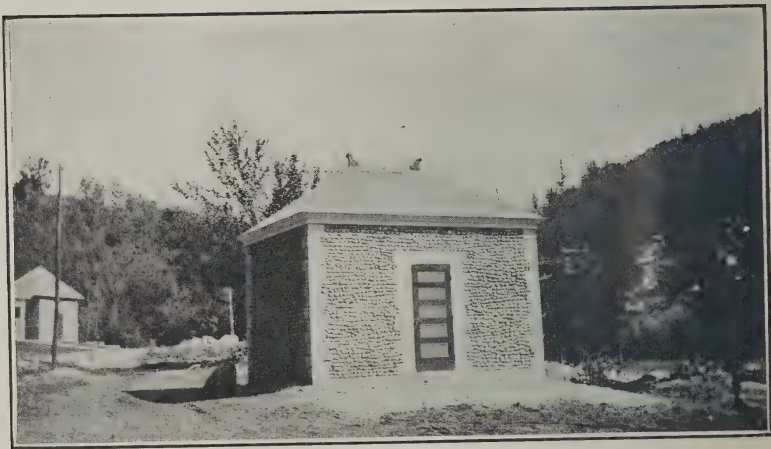
I renew the recommendation which was made in my report for 1910, in favor of the construction of an additional pipe line from Kellogg reservoir to the city reservoir. In spite of efforts to keep the city reservoir full, during parts of last January and February, the water fell about six feet. I fear that during the coming summer and autumn months, owing to increased consumption, the water will reach even a lower level, which might result in a critical situation.

HANS CREEK CONDUIT NO. 1.

No repairs have been made to this line since the completion of Hans Creek Conduit No. 2. In my opinion this line should not be abandoned or suffered to become out of order and useless. Many municipalities deem it advisable, if not absolutely necessary, to maintain two lines from their principal source of supply. Since we now have the two lines, the old one should be placed in a condition of perfect repair and order and maintained in that condition. The reasons for this are many and obvious. At any moment a break might occur in No. 2 making it neces-

sary to resort to No. 1. The investment in No. 1 is large and should not be thrown away since the line can be made more useful.

JAMES R. SNELL,
Superintendent.



VENTURI METER HOUSE, 200 FEET BELOW HANS DAM

Permits

A list of permits issued during the year:

Tapping permits.....	104
New work permits.....	118
Extension permits.....	187

Total issued to date:

Tapping.....	3,885
New work.....	3,645
Extension.....	5,365
List of permits issued past year.....	409
Plain bibs, downstairs, for family use.....	145
Plain bibs, second floor.....	140
Plain bibs, business places.....	26
Hose bibs.....	60
Water closets, private.....	370
Water closet, public.....	1
Bath tubs.....	211
Wash basins.....	250
Wash trays.....	57
Bar bibs.....	6
Barn bibs.....	2
Air pressure.....	3
Urinals.....	2
Ejectors.....	3
Garage bibs.....	4

The following services have been removed:

Hose bibs.....	18
Sink bibs.....	12
Water closets.....	12
Bath tubs.....	6
Basins.....	9
Urinals.....	1
Wash trays.....	2

Exhibit A

Income for the Year Classified.

Water tax, 1909.....	\$ 1,227 08
Water tax, 1910.....	11,646 51
Water tax, 1911.....	36,213 42
Metered water, 1909-10.....	2,583 78
Metered water, 1910-11.....	20,961 83
Interest on arrears.....	219 52
Builders' permits, 1910-11.....	191 92
Short term permits, 1910-11.....	548 40
Water tax, 1894 to and including 1908.....	36 86
Water tax, 1910.....	4 82
Water tax, 1911.....	25
Short term permit, 1908.....	5 85
Short term permit, 1910.....	75
Short term permit, 1910, circus.....	5 00
Material.....	297 53
Rent of tool house.....	88 00
Refunds.....	47 15
Shut off water.....	1 00
Use of telephone.....	1 00
Tapping pipe.....	20 50
Filling cistern.....	1 00
1" meter.....	17 25
Rent for ice contract.....	1,227 00
Withdrawn from sinking fund to purchase bonds, Empire Trust Co.....	30,000 00
Withdrawn from sinking fund to purchase bonds, Schenectady Trust Co.....	12,634 50
Withdrawn from special deposit, Schenec- tady Trust Co.....	1,510 60
Withdrawn from special deposit, Empire Trust Co.....	971 60

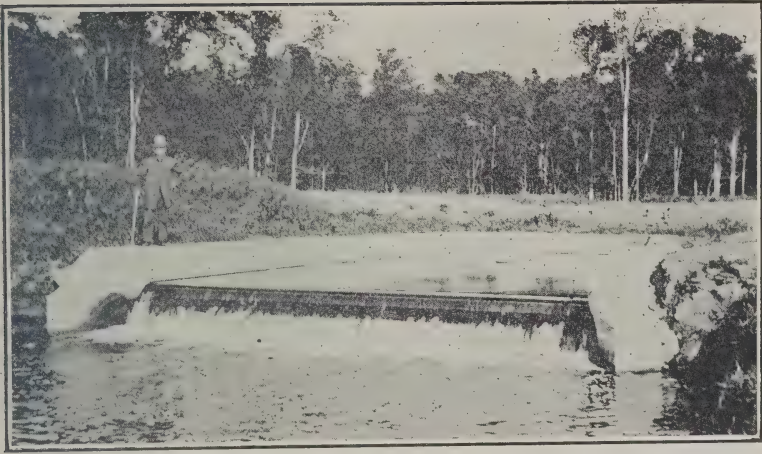


BUNN CREEK DIVERTING DAM. 36-INCH DIVERTING CONDUIT.



KELLOGG RESERVOIR.

Withdrawn from special deposit, Mercan-	
tile Trust Co.....	37,362 80
Cash on hand, April 30, 1910.....	28,919 90
	<hr/>
	\$186,745 82



NEW CONCRETE MEASURING WEIR AT KELLOGG RESERVOIR

Exhibit B

Expenditures for the Year Classified.

Interest on bonded debt and expenses.....	\$ 29,756 40
Repairs and maintenance.....	10,660 38
Meters and repairs to same.....	943 88
Construction (city).....	12,481 64
Office and office expense.....	1,623 14
Rebates, 1910-11.....	94 74
Taxes, state, county, town, road and school.	4,832 34
Printing and advertising.....	270 01
Conduit No. 2.....	15,102 41
Attorney's fees.....	460 00
Purchased from N. W. Halsey & Co., 2 bonds, Nos. 120-121, due June 1, 1929...	1,924 17
Purchased from N. W. Halsey & Co., 1 bond, No. 27, due March 1, 1959.....	947 71
Purchased from N. W. Halsey & Co., 6 bonds, Nos. 64, 65, 66, 67, 68, 69, due June 1, 1929.....	6,033 75
Purchased from Amsterdam Savings Bank, 6 bonds, Nos. 1, 2, 3, 4, 5, 6, due October 1, 1921; also 3 bonds, Nos. 16, 17, 18, due April 1, 1922.....	42,634 50
Purchased from Schenectady Savings Bank, 2 bonds, Nos. 1, 2, due June 1, 1923.....	10,026 25
Purchased from The Savings Bank of Utica, part of bond No. 4, due October 1, 1926..	5,849 35
Purchased from The Savings Bank of Utica, balance of bond No. 4, due October 1, 1926	4,268 43
Purchased from Amsterdam Savings Bank, bond No. 1, due March 1, 1911.....	5,000 00
	<hr/>
	\$152,909 10

Cash on hand, April 29, 1911.....	33,920 92
	<hr/>
	\$186,830 02
Cheeks not paid in 1909-10, paid in 1911, Nos. 8717, 8862.....	12 30
	<hr/>
	\$186,842 32
Less checks not paid, 1910-11, Nos. 9133, 9338.....	96 50
	<hr/>
	\$186,745 82



GATE HOUSES—HANS CREEK, 1909, 1889

Exhibit C

Table showing amount to be paid for water sold by
meter, from May 1, 1910, to and includ-
ing May 1, 1911.

Chas. Stevens.....	\$ 36 79
The John Stanton Brewing Co.....	117 89
S. Sanford & Sons.....	1,329 09
S. Karner.....	52 76
Antonio Boggio.....	55 20
Peter Barbagallati.....	29 83
George McCombes.....	34 08
H. F. Bowler.....	241 05
August Sawatka.....	8 88
Antoni Barowski.....	8 89
John Barcz.....	37 36
Pianowski & Kosonski.....	72 26
Michael Barecz.....	18 09
James Mullarkey.....	53 75
T. Fitzgerald.....	19 06
Kelloggs & Miller.....	261 21
Empire State Power Co.....	215 83
Michael Kosiba.....	24 06
M. Wisononki.....	23 59
Frank Gentile.....	12 15
Stephen Putfro.....	11 63
Jacob Gomulka.....	33 43
Michael Wytraul.....	37 88
Agnes Wojciski.....	22 73
David Strauss.....	106 58
Antoni Cafferella.....	39 73
Mary Wicencuk.....	36 14
John Koziol.....	12 62
Augustus Myers.....	13 77
Charles A. Buchanan.....	9 91
McCleary, Wallin & Crouse.....	956 76
Chuctanunda Gas Light Co.....	361 36
N. Y. C. & H. R. R. Co.....	445 37
Armour & Co.....	8 65

BOARD OF WATER COMMISSIONERS

21

J. H. Mitchell.....	90 21
W. J. Kline & Son.....	117 99
W. E. Hennessy.....	14 88
W. J. Johnson.....	18 51
F. J. Parmentier.....	17 34
A. W. Breedon.....	50 01
Farmers National Bank.....	8 89
Catherine Dealy.....	16 24
Holzheimer & Shaul.....	540 73
Chas. C. Yund.....	76 19
F., J. & G. R. R. Co.....	212 55
A. Mark's Sons.....	29 84
D. Sweeney.....	150 25
Jay Hare.....	197 14
D. D. Cassidy.....	248 53
George Reich.....	104 05
S. A. and M. B. Crowe.....	85 37
Behr Bros.....	156 25
Nisbet & Morris.....	111 99
McClumpha Co. (Hotel Warner).....	483 84
McClumpha Co.....	27 07
Baird Bros.....	153 21
American Broom and Brush Co.....	122 24
Theresa Yund.....	27 25
S. Lovenheim.....	47 77
R. F. Owens.....	149 57
James Lavine.....	54 43
Luigi Spediacci.....	131 99
Klabons & Karuzas.....	30 07
S. Schaffer.....	29 48
A. B. Haberer.....	14 68
Blood Knitting Co.....	755 27
Willis Wendell.....	228 70
Ontario Button Co.....	193 52
St. Mary's Church.....	236 25
H. W. Case.....	11 66
Amsterdam City Laundry.....	110 05
Telka Belis.....	24 29
Max Brown.....	12 94
Andrew Schoeffler.....	21 26
St. Michael's Church.....	10 04
Michael Sagatis.....	32 28
S. Sargiatis.....	33 92
A. Taberski.....	48 13
B. Denato.....	20 55

Barney Quinn.....	83 55
Sofia Politano.....	41 25
Mary Martin.....	43 61
G. Carbonelli.....	72 99
N. Roberts.....	77 77
Michael Quinn.....	69 66
D. Lorenzo.....	29 87
H. Coates.....	57 82
St. Casimer's Church.....	104 40
John Windbiel.....	38 41
Charles Bigler.....	124 62
Margaret Morrison Estate.....	87 79
Mohawk Laundry.....	144 66
Amsterdam Silk Mills.....	359 56
Shuttleworth Bros. Co.....	464 49
W. S. Shuler Spring Co.....	42 82
Paul Kriger.....	9 45
Yund, Kennedy & Yund.....	2,277 36
James Ferguson, Agt.....	38 06
Amsterdam Library.....	45 58
Margaret Dunlop.....	11 97
Anna C. McDugall.....	36 06
A. V. Morris & Sons.....	3,039 21
Shanahan & Kyne.....	20 52
Helen and Jane Simpson.....	10 10
Hampshire Pearl Button Co.....	429 68
Wilkie & Platt.....	179 04
Luther Estate.....	9 42
P. DiMezza.....	43 53
Blood & Quilhot.....	15 75
W. B. Charles.....	68 08
E. E. Rulison.....	42 20
John Barnes.....	500 98
J. V. and F. Morris.....	9 00
C. W. Becker.....	24 96
Sugden, Faulds & DeForest.....	10 32
John R. and Jas Blood.....	243 79
Geo. and W. J. Stewart.....	9 00
N. C. Becker.....	39 10
Henry Yostmeyer.....	163 82
Clara V. Greene.....	65 35
Georgianna Bell.....	27 75
Chas. Hubbs.....	22 28
N. D. Simpson.....	9 63
Kline Estate.....	42 55

BOARD OF WATER COMMISSIONERS

23

Theo. J. Yund.....	9 65
John K. Stewart.....	17 31
Klauder-Weldon D. M. Co.....	140 46
John Noonan.....	17 97
Joseph Brandt.....	55 17
Jacob Wagenheim.....	93 65
Jas. H. Noonan.....	40 57
John Mergner.....	18 79
W. B. Wilmot.....	26 45
Inman Mfg. Co.....	105 80
E. F. Bronk.....	12 44
Ann E. Kennedy.....	9 31
Jas. M. Shuler.....	12 15
Teresa Karner.....	51 61
H. McNeil & Son.....	28 35
Pioneer Broom Co.....	83 51
Atlas Knitting Co.....	436 56
John K. Stewart & Sons.....	746 13
Clover Leaf Milk Co.....	39 48
Thomas Griffin.....	38 55
Gardner & Warring Co.....	1,030 95
The Fidelity & Deposit Co.....	99 30
The Consolidated Woolen Felt Mills Co.....	94 23
Van Brocklin & Stover Co.....	453 60
H. Michaelson.....	30 10
H. K. Moyer.....	21 23
Greene & Warnick.....	14 16
Emmanuel Church.....	12 73
Empire Laundry.....	174 86
George Folster.....	39 07
Odd Fellows Temple.....	9 00
St. Luke's English Lutheran Church.....	12 58
F. Hotaling.....	22 68
J. Hilton.....	9 20
John Carney.....	13 89
Isabella McFarlan.....	10 01
Amsterdam Broom Co.....	182 78
Antoni Jonajtis.....	22 82
Mary E. Curley.....	74 45
George Wallin.....	51 50
L. L. Dean.....	52 56
L. E. Harrower.....	80 97
Wm. Hugo.....	8 78
Michael Smith.....	9 25
George W. Mosher.....	8 77

William S. Finlay.....	27 98
Carrie Toellner.....	33 47
Fred Friday.....	290 60
W. G. Kingsley.....	8 77
Dobler Drawing Co.....	88 14
John Carbonelli.....	150 71
Dora B. Perkins and Elizabeth Walker.....	34 06
James Fusco.....	57 21
Perkins Foundry Co.....	22 18
F. Gilliland's Sons.....	29 53
A. Moreallo.....	9 00
Peter Ryan.....	17 28
Dominick Thompson.....	16 06
M. Carbonnelli.....	74 37
Hannah Crawford.....	36 08
W. N. Carpenter.....	143 63
H. C. Grieme Estate.....	100 03
G. Vichirella.....	17 14
Evangelical Church.....	10 19
Gardner Broom Co.....	176 89
Presbyterian Church.....	89 04
I. W. Chase.....	26 64
Guy Wheaton.....	15 83
Platter Bros.....	13 57
Fownes Bros. Co.....	215 92
St. Stanislaus Church.....	20 22
E. W. Johnson & Son.....	28 66
John Puglise.....	8 54
Green Hill Cemetery Association.....	5 19
George French.....	78 91
J. S. Colson.....	9 68
H. Benjamin.....	11 67
R. Sutton.....	81 54
Episcopal Church.....	61 90
Temple of Israel.....	25 85
Baptist Church.....	21 43
West Shore R. R.....	103 03
McCaffrey Bros.....	9 42
Leo. Baumann.....	19 86
M. E. Church.....	29 48
Margaret A. Combes.....	24 20
Emma P. Messinger.....	74 00
Whitney & Wilson.....	9 90
Elks Club.....	32 76
Conrad Hotel.....	60 56
Charles Stenard.....	2 14

\$ 26,240 25

J. H. Mitchell.....	90 21
W. J. Kline & Son.....	117 99
W. E. Hennessy.....	14 88
W. J. Johnson.....	18 51
F. J. Parmentier.....	17 34
A. W. Breedon.....	50 01
Farmers National Bank.....	8 89
Catherine Dealy.....	16 24
Holzheimer & Shaul.....	540 73
Chas. C. Yund.....	76 19
F., J. & G. R. R. Co.....	212 55
A. Mark's Sons.....	29 84
D. Sweeney.....	150 25
Jay Hare.....	197 14
D. D. Cassidy.....	248 53
George Reich.....	104 05
S. A. and M. B. Crowe.....	85 37
Behr Bros.....	156 25
Nisbet & Morris.....	111 99
McClumpha Co. (Hotel Warner).....	483 84
McClumpha Co.....	27 07
Baird Bros.....	153 21
American Broom and Brush Co.....	122 24
Theresa Yund.....	27 25
S. Lovenheim.....	47 77
R. F. Owens.....	149 57
James Lavine.....	54 43
Luigi Spediacci.....	131 99
Klabons & Karuzas.....	30 07
S. Schaffer.....	29 48
A. B. Haberer.....	14 68
Blood Knitting Co.....	755 27
Willis Wendell.....	228 70
Ontario Button Co.....	193 52
St. Mary's Church.....	236 25
H. W. Case.....	11 66
Amsterdam City Laundry.....	110 05
Telka Belis.....	24 29
Max Brown.....	12 94
Andrew Schoeffler.....	21 26
St. Michael's Church.....	10 04
Michael Sagatis.....	32 28
S. Sargiatis.....	33 92
A. Taberski.....	48 13
B. Denato.....	20 55

Barney Quinn.....	83 55
Sofia Politano.....	41 25
Mary Martin.....	43 61
G. Carbonelli.....	72 99
N. Roberts.....	77 77
Michael Quinn.....	69 66
D. Lorenzo.....	29 87
H. Coates.....	57 82
St. Casimer's Church.....	104 40
John Windbiel.....	38 41
Charles Bigler.....	124 62
Margaret Morrison Estate....	87 79
Mohawk Laundry.....	144 66
Amsterdam Silk Mills.....	359 56
Shuttleworth Bros. Co.....	464 49
W. S. Shuler Spring Co.....	42 82
Paul Kriger.....	9 45
Yund, Kennedy & Yund.....	2,277 36
James Ferguson, Agt.....	38 06
Amsterdam Library.....	45 58
Margaret Dunlop.....	11 97
Anna C. McDugall.....	36 06
A. V. Morris & Sons.....	3,039 21
Shanahan & Kyne.....	20 52
Helen and Jane Simpson.....	10 10
Hampshire Pearl Button Co.....	429 68
Wilkie & Platt.....	179 04
Luther Estate.....	9 42
P. DiMezza.....	43 53
Blood & Quilhot.....	15 75
W. B. Charles.....	68 08
E. E. Rulison.....	42 20
John Barnes.....	500 98
J. V. and F. Morris.....	9 00
C. W. Becker.....	24 96
Sugden, Faulds & DeForest.....	10 32
John R. and Jas Blood.....	243 79
Geo. and W. J. Stewart.....	9 00
N. C. Becker.....	39 10
Henry Yostmeyer.....	163 82
Clara V. Greene.....	65 35
Georgianna Bell.....	27 75
Chas. Hubbs.....	22 28
N. D. Simpson.....	9 63
Kline Estate.....	42 55

BOARD OF WATER COMMISSIONERS

23

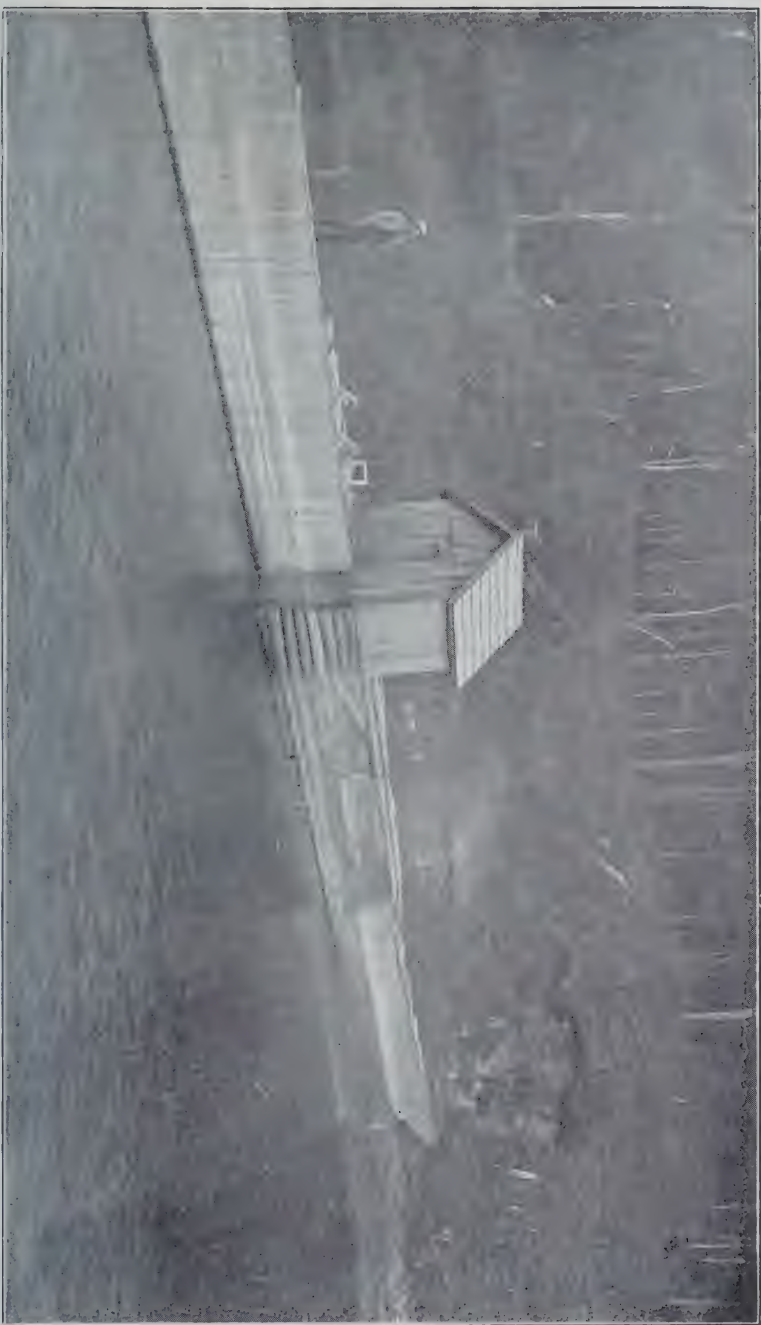
Theo. J. Yund.....	9 65
John K. Stewart.....	17 31
Klauder-Weldon D. M. Co.....	140 46
John Noonan.....	17 97
Joseph Brandt.....	55 17
Jacob Wagenheim.....	93 65
Jas. H. Noonan.....	40 57
John Mergner.....	18 79
W. B. Wilmot.....	26 45
Inman Mfg. Co.....	105 80
E. F. Bronk.....	12 44
Ann E. Kennedy.....	9 31
Jas. M. Shuler.....	12 15
Teresa Karner.....	51 61
H. McNeil & Son.....	28 35
Pioneer Broom Co.....	83 51
Atlas Knitting Co.....	436 56
John K. Stewart & Sons.....	746 13
Clover Leaf Milk Co.....	39 48
Thomas Griffin.....	38 55
Gardner & Warring Co.....	1,030 95
The Fidelity & Deposit Co.....	99 30
The Consolidated Woolen Felt Mills Co.....	94 23
Van Brocklin & Stover Co.....	453 60
H. Michaelson.....	30 10
H. K. Moyer.....	21 23
Greene & Warnick.....	14 16
Emmanuel Church.....	12 73
Empire Laundry.....	174 86
George Folster.....	39 07
Odd Fellows Temple.....	9 00
St. Luke's English Lutheran Church.....	12 58
F. Hotaling.....	22 68
J. Hilton.....	9 20
John Carney.....	13 89
Isabella McFarlan.....	10 01
Amsterdam Broom Co.....	182 78
Antoni Jonajtis.....	22 82
Mary E. Curley.....	74 45
George Wallin.....	51 50
L. L. Dean.....	52 56
L. E. Harrower.....	80 97
Wm. Hugo.....	8 78
Michael Smith.....	9 25
George W. Mosher.....	8 77

William S. Finlay.....	27 98
Carrie Toellner.....	33 47
Fred Friday.....	290 60
W. G. Kingsley.....	8 77
Dobler Drawing Co.....	88 14
John Carbonelli.....	150 71
Dora B. Perkins and Elizabeth Walker.....	34 06
James Fusco.....	57 21
Perkins Foundry Co.....	22 18
F. Gilliland's Sons.....	29 53
A. Moreallo.....	9 00
Peter Ryan.....	17 28
Dominick Thompson.....	16 06
M. Carbonnelli.....	74 37
Hannah Crawford.....	36 08
W. N. Carpenter.....	143 63
H. C. Grieme Estate.....	100 03
G. Vichirella.....	17 14
Evangelical Church.....	10 19
Gardner Broom Co.....	176 89
Presbyterian Church.....	89 04
I. W. Chase.....	26 64
Guy Wheaton.....	15 83
Platter Bros.....	13 57
Fownes Bros. Co.....	215 92
St. Stanislaus Church.....	20 22
E. W. Johnson & Son.....	28 66
John Puglise.....	8 54
Green Hill Cemetery Association.....	5 19
George French.....	78 91
J. S. Colson.....	9 68
H. Benjamin.....	11 67
R. Sutton.....	81 54
Episcopal Church.....	61 90
Temple of Israel.....	25 85
Baptist Church.....	21 43
West Shore R. R.....	103 03
McCaffrey Bros.....	9 42
Leo. Baumann.....	19 86
M. E. Church.....	29 48
Margaret A. Combes.....	24 20
Emma P. Messinger.....	74 00
Whitney & Wilson.....	9 90
Elks Club.....	32 76
Conrad Hotel.....	60 56
Charles Stenard.....	2 14

\$ 26,240 25



MASONRY, KELLOGG RESERVOIR.



COOK RESERVOIR DAM. CAPACITY 55,000,000 GALLONS.

1871

Exhibit D

Uncollected Water Rents, Meter and Office Bills.

1892.....	\$	1 00
1893.....		1 00
1894.....		1 00
1895.....		1 00
1896.....		1 00
1897.....		1 00
1898.....		1 00
1899.....		1 00
1900.....		85
1901.....		85
1902.....		5 60
1903.....		5 60
1904.....		6 00
1905.....		6 00
1906.....		12 75
1907.....		11 25
1908.....		24 51
1909.....		70 69
1910.....		1,701 27
1911.....		14,320 43
Office bills—mem. charges.....		430 09
Meter bills.....		3,602 60
		<hr/>
		\$ 20,206 49

Exhibit E

RECORD OF FIRES FROM MAY 1, 1910, to MAY 1, 1911—WHERE WATER WAS USED.

COMPILED BY WM. STITCHEL, CHIEF OF FIRE DEPARTMENT.

Date.	Location.	Occupant.	Property.	Loss.	Extinguished.
May 17	306 Forest Ave.	Henry Simmons.	Dwelling.	Total loss.	Water was used.
May 20	160 West Main St.	Liddle Knitting Co.	Knitting mill.	Small loss.	Water was used.
May 30	Foot of Washington St.	Bell Tel. Co.	Tel. poles.	Small loss.	Water was used.
May 31	7 Chuctanunda St.	A. V. Morris & Sons.	Dye house.	Small loss.	Water was used.
May 25	Union St.	Mrs. Mary Wesells.	Flats.	Small loss.	Water was used.
June 3	151 Division St.	B. H. Lichtman.	Barn.	Partial loss.	Water was used.
July 5	28 Cady St.	Leo. Syzmauska.	Dwelling.	Partial loss.	Water was used.
July 7	18 Washington St.	L. E. Harrower.	Barn.	Small loss.	Water was used.
July 14	Cor. Pine & West Main Sts.	Blood Broom Co.	Broom shop.	Partial loss.	Water was used.
August 11	Foot Schuyler St.	N. Y. C. R. R. C.	Freight car.	Small loss.	Water was used.
Sept. 23	57 Lyon St.	McCleary Wallin, Crouse.	Rug mill.	Small loss.	Water was used.
Oct. 5	7 Division St.	Frank Horning.	Repair shop.	Small loss.	Water was used.
Oct. 21	108 Spring St.	Mrs. Harvey Book.	Dwelling.	Partial loss.	Water was used.
Nov. 6	74 East Main St.	Howard Moyer.	Millinery store.	Small loss.	Water was used.
Nov. 12	7 Division St.	Frank Horning.	Repair shop.	Small loss.	Water was used.
Nov. 17	6 James St.	Michael Debaush.	Dwelling.	Total loss.	Water was used.
Nov. 21	Washington St.	L. E. Harrower.	Dwelling.	Small loss.	Water was used.
Nov. 23	Cor. E. Main-Hamilton Sts.	John Raila & Co.	Gen. fur. store.	Partial loss.	Water was used.
Dec. 27	Cor. Spring & Clinton Sts.	John Lasher.	Carpenter shop.	Small loss.	Water was used.
Jan. 10	7 Chuctanunda St.	A. V. Morris & Sons.	Knitting mill.	Small loss.	Water was used.
Jan. 31	13 Washington St.	L. E. Harrower.	Dwelling.	Small loss.	Water was used.
Feb. 3	397 West Main St.	Consolidated Felt Co.	Felt mill.	Total loss.	Water was used.

EXHIBIT E—Continued

Month.	No.	Cor. Guy and Division Sts.	Name.	Place.	Loss.	Remarks.
Feb.	14	Cor. Guy and Division Sts.	James Adcock.	Candy store.	Small loss.	Water was used.
Feb.	19	50 East Main St.	A. L. Nast.	Clothing store.	Partial loss.	Water was used.
Feb.	24	348 East Main St.	Edward A. Ritch.	Cleaning shop.	Total loss.	Water was used.
Feb.	25	45 East Main St.	Grand Army.	Lodge room.	Partial loss.	Water was used.
Feb.	26	45 Green St.	Al. Davison.	Saloon.	Partial loss.	Water was used.
Feb.	26	3 East Main St.	Spanish War Veterans.	Lodge room.	Total loss.	Water was used.
March	1	22 Jay St.	Jas. Polzenski.	Dwelling.	Small loss.	Water was used.
March	2	Foot Eagle St.	Yund, Kennedy & Yund.	Knitting mill.	Partial loss.	Water was used.
March	20	62 Elizabeth St.	Mrs. Ellen Syusington.	Dwelling.	Small loss.	Water was used.
March	30	158 West Main St.	Little Knitting Co.	Knitting mill.	Small loss.	Water was used.
April	7	293 Forest Ave. Second St.	Myron Chase.	Dwelling.	Total loss.	Water was used.
April	7	8 Clark Ave.	Chester Alkowsky.	Dwelling.	Total loss.	Water was used.
April	26	42 Park St.	Benj. Boent.	Dwelling.	Partial loss.	Water was used.

Exhibit F

Table showing the receipts from water rents, the yearly increase from same and the amount of current expenses, amount expended for new work and interest for each year from the commencement of work.

Year Ending May 1.	Amount Re- ceived for Water Rents, Domestic.	Amount Re- ceived from Me- ter Rates.	Amount Re- ceived at Office.	Total Received from all Sources.	Increase Over Preceding Year.	Construction.	Interest on Bonds and Loans and Bonds Paid.	Taxes.
1882 ..	\$..	\$..	\$..	\$..	\$..	68,836 09	2,108 09	
1883 ..	10,245 78	3,175 85	691 02	10,936 80	136,367 75	9,100 00	
1884 ..	15,914 20	3,131 85	1,812 78	20,902 80	57,316 21	10,600 00	
1885 ..	19,227 75	3,273 11	650 71	23,010 31	9,966 00	27,349 78	12,475 00	
1886 ..	17,830 81	4,264 69	1,362 42	22,465 34 *	2,107 52	3,231 82	12,850 00	
1887 ..	19,393 28	4,703 74	1,847 51	25,415 48	544 97	7,519 09	12,850 00	
1888 ..	24,410 48	4,610 21	2,725 44	31,866 66	2,950 13	4,232 54	12,850 00	
1889 ..	26,094 70	4,610 21	2,204 88	32,709 79	6,451 18	25,757 07	13,225 00	
1890 ..	27,620 41	5,083 51	1,356 15	34,060 07	843 13	49,125 25	13,600 00	
1891 ..	31,300 73	6,700 36	2,031 87	40,032 96	1,350 28	90,283 21	16,975 00	
1892 ..	32,030 04	8,207 15	1,785 94	42,024 29	5,972 89	17,240 17	31,152 21	
1893 ..	32,302 04	7,594 59	1,633 24	41,529 87 *	1,191 33	4,985 00	16,713 14	
1894 ..					494 42	3,526 32	26,462 92	

EXHIBIT F—Continued

1895 ..	26,930 82	7,271 91	1,394 24	35,596 97 *	5,932 90	1,290 36	16,353 76	
1896 ..	36,032 57	9,627 91	1,626 92	47,287 40	11,690 43	9,793 97	16,353 76	
1897 ..	33,195 30	7,027 34	1,167 61	41,390 25 *	5,897 15	9,940 09	30,003 76	
1898 ..	40,251 37	7,014 71	494 18	47,760 26	6,370 01	1,036 91	30,436 26	
1899 ..	34,895 82	9,037 03	2,100 95	40,033 80 *	1,726 46	40,284 31	15,203 76	
1900 ..	42,115 70	9,885 04	1,269 91	53,260 65 *	7,236 85	73,028 02	15,203 76	
1901 ..	32,763 41	9,513 79	1,613 15	43,890 35 *	9,380 30	16,335 07	16,016 26 \$	1,894 72
1902 ..	36,205 45	8,248 26	1,739 97	46,193 68	2,303 33	56,997 09	82,672 78	1,843 62
1903 ..	38,474 76	10,042 90	1,812 93	50,330 19	4,136 51	66,952 44	19,370 53	1,992 83
1904 ..	45,244 06	11,481 60	1,999 28	58,724 94	8,394 75	7,335 34	19,266 26	2,151 13
1905 ..	41,984 20	10,093 24	745 81	52,823 25	5,901 69	9,288 67	20,121 65	2,126 13
1906 ..	41,191 47	9,391 86	2,689 17	53,272 50	449 25	1,757 44	19,972 36	2,280 15
1907 ..	43,843 89	12,354 82	2,689 19	58,887 90	5,615 40	7,402 88	19,716 26	2,272 20
1908 ..	45,564 06	14,112 77	5,676 71	65,353 54	6,465 64	5,699 56	19,466 26	2,376 98
1909 ..	49,101 66	12,549 20	4,534 37	66,185 23	831 69	166,376 25	19,466 26	3,530 16
1910 ..	48,189 30	16,731 27	3,402 70	68,323 27	2,138 04	124,481 43	26,451 92	2,896 32
1911 ..	50,046 85	23,545 61	Included in 1st and 2d items.	73,592 46	5,269 19	27,584 05	106,440 56	4,832 34
						1,121,354 12		

*Decrease.

SINKING FUND.

Kellogg Reservoir and diverting dam, \$75,000.00, due Oct. 1, 1921.....	\$19,855 11
Interest received during year on Sinking Fund.....	1,059 39
Interest received during year on Special Deposit.....	454 33
	<hr/>
	\$ 1,513 72

Exhibit G—Maturing of Bonds

The following table shows the maturity of the Bonds issued to date, May 1st, 1911.

Date of Issue.	Date of Maturity.	Amount.	Rate of Interest per Cent.	To Whom Payable.	Where Payable.	Int. Payable.	Interest.
Oct. 1, 1881	Oct. 1, 1911	\$ 8,000c	5	The Supreme Council, Catholic Benevolent Legion....	Manhattan Company Bank		
Oct. 1, 1883	Oct. 1, 1911	3,000c	5	“ “	Manhattan Company Bank		550 00
Oct. 1, 1881	Oct. 1, 1911	24,000c	5	Wm. Deering, “	Manhattan Company Bank		
Oct. 1, 1883	Oct. 1, 1911	1,000c	5	“	Manhattan Company Bank		1,250 00
Oct. 1, 1883	Oct. 1, 1911	10,000c	5	Bearer.....	Manhattan Company Bank		500 00
Oct. 1, 1883	Oct. 1, 1911	3,000c	5	Irving Sav'gs Ins'n, N. Y. City	Manhattan Company Bank		150 00
Oct. 1, 1881	Oct. 1, 1916	39,000c	5	Albany City Savings Ins'n....	Manhattan Company Bank	Oct. 1 & Apl. 1	1,950 00
Oct. 1, 1883	Oct. 1, 1916	17,000c	5	Albany City Savings Ins'n....	Manhattan Company Bank		850 00
Oct. 1, 1881	Oct. 1, 1916	3,000c	5	National Savings Bk., Albany	Manhattan Company Bank		150 00
Oct. 1, 1881	Oct. 1, 1921	4,000c	5	National Savings Bk., Albany	Manhattan Company Bank		200 00
Oct. 1, 1881	Oct. 1, 1921	41,000c	5	Albany City Savings Ins'n....	Manhattan Company Bank		2,050 00
Oct. 1, 1883	Oct. 1, 1921	20,000c	5	Albany City Savings Ins'n....	Manhattan Company Bank		1,000 00
Dec. 1, 1900	Oct. 1, 1921	45,000r	3 1/4	Amsterdam Savings Bank....	Amsterdam Savings Bank.		1,462 50
April 1, 1902	April 1, 1922	35,000r	3 1/4	Amsterdam Savings Bank....	Amsterdam Savings Bank.		1,137 50
June 1, 1903	June 1, 1923	30,000r	3 1/2	The Schenectady Savings Bk.	Farmers Nat. Bk., Amsterdam	Dec. 1 & June 1	1,050 00
Oct. 1, 1888	Oct. 1, 1926	25,000c	3	Coffin & Stanton.....	Manhattan Company Bank....	Oct. 1 & Apl. 1	750 00
				Commission	Manhattan Company Bank....		3 76
Oct. 8, 1906	Oct. 1, 1926	30,000r	4	The Savings Bank of Utica....	Farmers Nat. Bk., Amsterdam	Oct. 1 & Apl. 1	1,200 00
June 1, 1909	June 1, 1929	200,000r	3 3/4	Dime Savings Bk., Brooklyn.	National Park Bank.....	June 1 & Dec. 1	7,500 00
June 1, 1909	June 1, 1929	10,000r	3 3/4	Pawling Savings Bk., Pawling, N. Y.....	National Park Bank.....	June 1 & Dec. 1	375 00

EXHIBIT G—Continued

June 1, 1909	June 1, 1929	2,000r	3¾	Eugene A. Vaughn, 377 Broadway, N. Y.	National Park Bank.	June 1 & Dec. 1	75 00
June 1, 1909	June 1, 1929	10,000r	3¾	Joseph H. Reaney, St. Johnsville.	National Park Bank.	June 1 & Dec. 1	375 00
Mch. 1, 1909	Mch. 1, 1959	50,000r	3¾	Dime Savings Bk., Brooklyn.	National Park Bank.	Mch. 1 & Sept. 1	1,875 00
Mch. 1, 1909	Mch. 1, 1959	10,000r	3¾	Joseph H. Reaney, St. Johnsville.	National Park Bank.	Mch. 1 & Sept. 1	375 00
Mch. 1, 1909	Mch. 1, 1959	6,000r	3¾	Emily W. West and others, Trustees.	National Park Bank.	Mch. 1 & Sept. 1	225 00
Mch. 1, 1909	Mch. 1, 1959	2,000r	3¾	Mariam D. Graves, Amsterdam, N. Y.	National Park Bank.	Mch. 1 & Sept. 1	75 00
Mch. 1, 1909	Mch. 1, 1959	1,000r	3¾	Richard Frank Kolb, Poughkeepsie, N. Y.	National Park Bank.	Mch. 1 & Sept. 1	37 50
Mch. 1, 1910	Mch. 1, 1930	95,000r	4¼	Amsterdam Savings Bank...	National Park Bank.	Mch. 1 & Sept. 1	4,037 50
		\$724,000					\$29,203 76

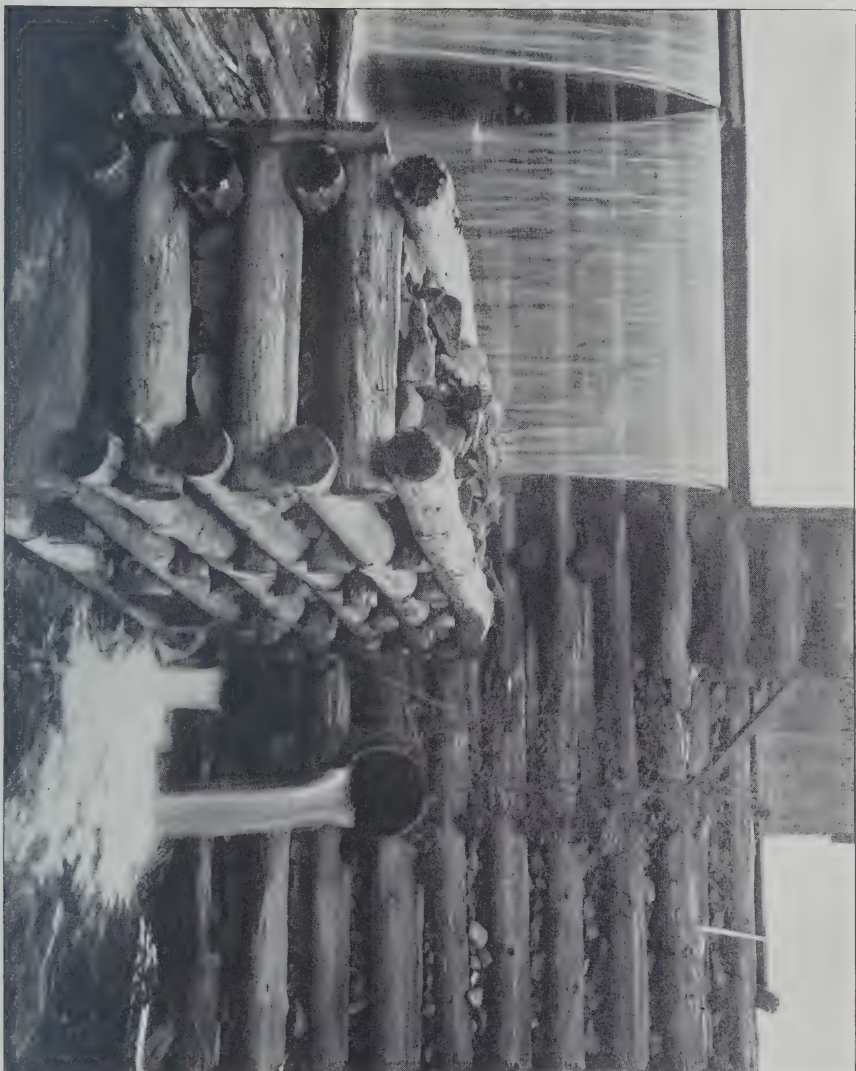
Principal due on last noted Bonds, March 1, 1912.... 5,000 00

\$34,203 76

Inventory of Iron and Vitrified Pipe, Tools, Materials, Meters, Etc.

TOOLS AT TOOL HOUSE.

3 lanterns.....	\$ 1 00
3 crowbars.....	3 00
1 auger.....	20
10 wooden plugs.....	5 00
2 small hydrant pumps.....	10 00
1 wheelbarrow.....	75
3 screw drivers.....	30
1 hatchet.....	20
3 lead pots.....	1 00
5 hammers.....	1 50
2 diaphragm pumps and 3 lengths hose....	35 00
3 ladles.....	75
3 pipe wrenches.....	1 75
2 monkey wrenches.....	1 00
25 caulking irons.....	11 00
9 pipe cutters.....	22 50
12 chisels.....	2 40
18 feet small hose.....	25
3 s wrenches.....	75
3 files.....	50
2 vises.....	6 00
2 stoves.....	10 00
9 lead runners.....	4 50
2 fire pots.....	10 00
1 Luther Bros. grinding machine.....	12 00
4 shovels.....	1 50
3 picks.....	1 00
2 Barnes cutters for cutting 2, 4, 6, 8 c. i. p.	12 60
1 thawing machine from Walter McLeod..	100 00
3 small pipe cutters.....	3 00
1 pair of chain tongs from Aird-Don Co....	3 50
1 small gasoline furnace and lead pot.....	5 00
1 small gasoline blow torch.....	1 75
	\$ 269 70



COOK DAM. CAPACITY 55,000,000 GALLONS.



HANS CREEK, BELOW COOK DAM.

PIPE.

	lbs.	
20 lengths of 12" pipe.....	20,000	
21 lengths of 10" pipe.....	14,700	
25 lengths of 8" pipe.....	13,125	
58 lengths of 6" pipe.....	21,460	
21 lengths of 4" pipe.....	4,708	
	<hr/>	
	73,993 \$	813 92
34 lengths of 2" pipe... ..		89 76

TEES.

	lbs.	
5 12x6.....	2,600	
1 10x8.....	390	
2 10x6.....	768	
5 8x8.....	1,330	
7 8x6.....	2,115	
8 6x6.....	1,560	
1 6x4.....	170	
5 6x2.....	600	
1 8x4.....	250	
6 4x4.....	600	
	<hr/>	
	10,383 \$	259 57

PLUGS.

	lbs.	
1 20".....	150	
2 18".....	250	
2 14".....	140	
1 12".....	66	
5 10".....	250	
15 8".....	570	
6 6".....	150	
15 4".....	225	
	<hr/>	
	1,801 \$	45 03

ELLS.

	lbs.	
5 8".....	725	
3 6".....	330	
2 4".....	96	
1 2".....	14	
	<hr/>	
	1,165 \$	29 12

BENDS.

	lbs.	
1 16'' $\frac{1}{8}$ bend.....	510	
12 8'' $\frac{1}{8}$ bend.....	1,920	
6 6'' $\frac{1}{8}$ bend.....	510	
4 4'' $\frac{1}{8}$ bend.....	260	
2 10'' $\frac{1}{8}$ bend.....	380	
10 2'' $\frac{1}{8}$ bend.....	150	
1 2'' $\frac{1}{4}$ bend.....	14	
	<hr/>	
	3,744 \$	93 60

SLEEVES.

	lbs.	
10 2''.....	100	
4 4''.....	176	
3 6''.....	168	
1 8''.....	86	
5 10''.....	600	
2 12''.....	352	
	<hr/>	
	1,482 \$	37 05

Y BRANCHES.

	lbs.	
5 2''.....	140	
2 6''.....	360	
	<hr/>	
	500 \$	12 50

REDUCERS.

	lbs.	
1 10x8''.....	165	
2 10x6''.....	270	
2 8x6''.....	252	
6 6x4''.....	510	
	<hr/>	
	1,197 \$	29 92

INCREASERS.

	lbs.	
2 4x6''.....	170	
6 6x8''.....	756	
1 6x10''.....	135	
3 8x10''.....	495	
	<hr/>	
	1,556 \$	38 90

CROSSES.

	lbs.	
3 8x8x8x8''.....	900	
1 8x8x6x6''.....	255	
1 6x6x6x6''.....	200	
	<hr/>	
	1,355 \$	33 87

OFFSETS.

	lbs.	
5 8".....	1,150	
4 6".....	760	
4 4".....	360	
	<hr/>	
	2,270	\$ 56 85
2 rolls of sheet packing from Crandell packing Co.....	\$ 90 00	
2 bags of lead wool.....	16 00	
1 50 gallon oil tank.....	6 00	
2 5 gallon cans.....	1 00	
1 pail of Dixon's graphite.....	5 00	
4 bags of cement.....	2 00	
1 length of hose for flushing hydrants.....	10 00	
1 box of rods for cleaning mains.....	10 00	
	<hr/>	
		\$ 141 00
1 Van Winkle tapping machine, with cutters		
2, 3, 4, 6, 8.....		\$ 300 00

SLEEVES AND VALVES FOR TAPPING MACHINE.

5 6x2 sleeves and valves.....	\$ 63 25	
1 6x4 " ".....	17 60	
2 6x6 " ".....	46 20	
1 8x2 " ".....	13 20	
1 8x4 " ".....	19 80	
2 10x2 " ".....	35 20	
1 10x6 " ".....	29 70	
	<hr/>	
		\$ 524 95
1 No. 2 Armstrong stock and dyes complete.....		
1 No. 3 Armstrong stock and dyes complete.....		
1 Toledo vice.....		
1 No. 2 Barnes cutter, a quantity of galvanized iron pipe, tees, nipples, unions and ells from Aird-Don Co.....		\$ 60 00

HYDRANTS.

4 6" hydrants.....	\$158 00	
1 4" hydrant.....	27 95	
172 Hydrant washers.....	17 25	
85 leather washers.....	8 80	
29 hydrant tops.....	8 70	
9 hydrant caps.....	1 80	
	<hr/>	
		\$ 222 50

KELLOGG REPAIR SLEEVES.

2 4" Kellogg repair sleeves.....	\$ 22 00	
1 6" Kellogg repair sleeve.....	13 00	
1 8" Kellogg repair sleeve.....	15 00	
	<hr/>	\$ 50 00

METERS.

1 6" old.....	\$200 00	
1 4" old.....	50 00	
1 4" new.....	160 00	
1 3" new.....	85 00	
3 2" new, 2 2" old.....	200 00	
2 1½" new.....	50 00	
2 1" new.....	30 00	
7 ¾" new.....	80 00	
4 ⅝" new.....	30 00	
	<hr/>	\$ 885 00

METERS SENT TO FACTORY FOR REPAIRS.

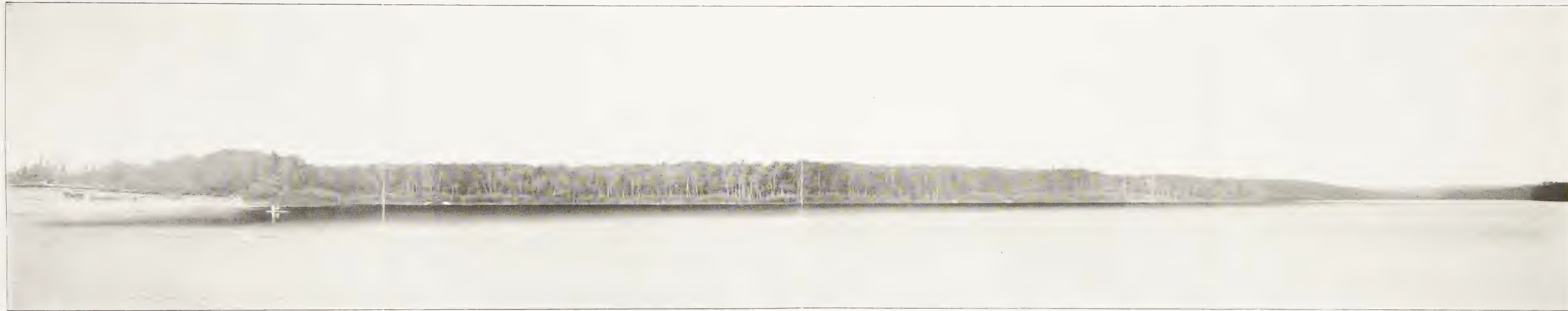
11 ⅝", 7 ¾".....	\$170 00	
A quantity of meter seals from the Safety		
Meter Lock Co.....	10 00	
	<hr/>	\$ 180 00

VALVES.

2 10" valves.....	\$ 40 00	
3 8" valves.....	42 00	
1 8" valve, bell on one end and spigot		
on the other.....	14 25	
1 6" valve.....	10 50	
1 4" valve.....	7 40	
3 small valves for sprinkling carts.....	5 00	
10 valve boxes complete.....	40 50	
1 8" check valve with lever for Hans creek		
conduit.....	32 15	
	<hr/>	\$ 192 55

VALVE STEMS.

2 20" valve stems, bevel gear.....	\$ 31 00	
2 20" valve stems, bevel gear.....	31 00	
1 2" valve stem, bevel gear.....	1 00	
4 6" valve stems, bevel gear.....	6 60	
3 8" valve stems, bevel gear.....	9 30	
1 10" valve stem, bevel gear.....	4 10	
	<hr/>	\$ 87 00



WEST SIDE GLEN WILD RESERVOIR. CAPACITY 1,200,000,000 GALLONS.

TOOLS AT CITY RESERVOIR.

1 grindstone.....	\$ 1 50	
3 hoes.....	1 25	
10 shovels.....	2 50	
5 picks.....	1 25	
2 iron rakes.....	1 00	
2 grub picks.....	1 00	
1 small stone.....	1 50	
2 scythes.....	1 00	
1 crowbar.....	1 50	
3 lanterns.....	75	
2 axes.....	1 00	
5 snow shovels.....	1 25	
2 wheel barrows.....	1 25	
1 ladder, 10 ft.....	1 50	
1 ladder, 16 ft.....	2 00	
1 row boat.....	10 00	
1 set of hoists.....	30 00	
1 small pulley.....	7 50	
2 forks.....	75	
50 ft. good garden hose.....	1 00	
50 ft. poor garden hose.....	50	
1 Stilson wrench.....	1 25	
	<hr/>	
	\$	71 25

BENDS.

	lbs.	
1 short 14" bend.....	450	
1 long 16" bend.....	510	
1 short 16" bend.....	510	
1 20" bend.....	740	
1 36" bend.....	2,000	
	<hr/>	
	4,200 \$	84 00

TEES.

	lbs.	
1 12x12x12 tee.....	565	
1 16x16x6 tee.....	655	
1 18x18x18 tee.....	1,300	
1 14x14x10 tee.....	600	
1 12x12x6 tee.....	380	
	<hr/>	
	3,500 \$	70 00
1 6" plug, 25 lbs. @ 2½c per lb.....		62

SLEEVES.

	lbs.	
1 36" sleeve.....	1,500	
2 24" sleeves.....	710	
2 20" sleeves.....	500	
4 16" sleeves.....	340	
7 14" sleeves.....	208	
1 8" sleeves.....	86	
	<hr/>	
	3,344 \$	66 88

REDUCERS.

	lbs.	
1 18x14 reducer.....	625 \$	12 50

PIPE.

	lbs.	
2 lengths 24" pipe.....	6,180	
16 lengths 18" pipe.....	31,840	
7 lengths 16" pipe.....	11,235	
4 lengths 14" pipe.....	5,340	
3 lengths 4" pipe.....	1,110	
10 lengths 20" pipe.....	23,400	
	<hr/>	
	79,105 \$	870 15

SHORT PIECES OF PIPE.

	lbs.	
6 pieces of 12" pipe.....	3,569	
3 pieces of 14" pipe.....	2,000	
5 pieces of 16" pipe.....	3,476	
6 pieces of 18" pipe.....	4,145	
2 pieces of 20" pipe.....	932	
1 piece of 24" pipe.....	1,545	
	<hr/>	
	15,667 \$	78 31

PIPE AT KELLOGG RESERVOIR.

	lbs.	
21 lengths of 30" pipe.....	71,000	
52 lengths of 24" pipe.....	124,000	
	<hr/>	
	195,000 \$	2,145 00

BENDS.

	lbs.	
18 24" bends.....	19,054	
12 30" bends.....	24,377	
	<hr/>	
	43,431 \$	868 62

PIPE.

	lbs.	
6 lengths of 4" pipe.....	1,440	
11 lengths of 6" pipe.....	4,070	
1 length of 8" pipe.....	590	
4 lengths of 10" pipe.....	3,064	
10 lengths of 12" pipe.....	10,000	
2 lengths of 20" pipe.....	4,680	
1 length of 16" pipe.....	1,404	
	<hr/>	
	25,248 \$	277 72

SLEEVES.

	lbs.	
5 30".....	3,890	
1 24".....	533	
2 20".....	1,000	
	<hr/>	
	5,423 \$	108 46

TEES.

	lbs.	
1 30x6".....	1,470	
1 24x8".....	1,140	
	<hr/>	
	5,423 \$	52 20

**VITRIFIED PIPE AT HONEYWELLS CORNERS
AND ALEXANDER CHASE'S FARM.**

56 pieces of 18" vitrified pipe.....	
12 pieces of 20x18" reducers.....	
6 collars for 20" pipe.....	
6 collars for 18" pipe.....	
54 pieces of 20" pipe, 3 foot lengths.....	
4 lengths 20" pipe.....	
	<hr/>
	\$ 162 84

VITRIFIED PIPE AT MALONEY'S FARM.

35 lengths of 18" vitrified pipe.....	\$ 57 08
31 lengths of 20" vitrified pipe.....	69 06
3 20x18" reducers.....	6 75
	<hr/>
	\$ 132 89

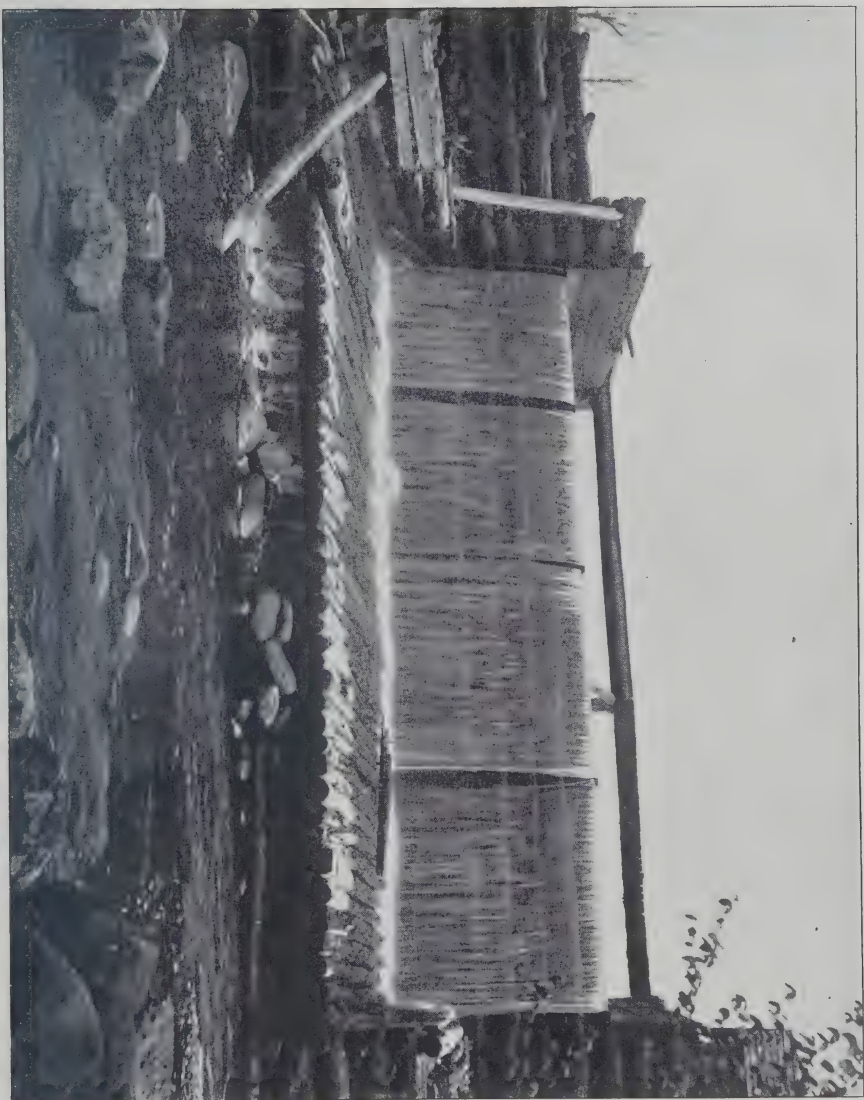
VITRIFIED PIPE AT TRIVETT'S MILLS.

70 lengths of 18" vitrified pipe.....	\$114 24
4 lengths of 20" vitrified pipe at Honey- well's corners.....	8 91
	<hr/>
	\$ 123 15

INVENTORY OFFICE FURNITURE.

1 large Herring safe.....	\$300 00	
1 large desk.....	50 00	
1 small desk.....	5 00	
1 roll top desk.....	10 00	
1 long table.....	10 00	
2 revolving chairs.....	15 00	
1 letter press.....	2 50	
13 chairs.....	50 00	
1 case with blanks.....	25 00	
16 maps.....		
2 mats.....	4 00	
1 Underwood typewriter, with cabinet and chair.....	125 00	
1 book case.....	17 25	
		\$ 613 75
Tool house.....	\$ 3,000 00	
		<u>\$13,191 13</u>

The lands purchased for Glen Wild reservoir, Cook reservoir, Little Round Lake aggregate 3,200 acres.



SPILLWAY, COOK DAM.



REAR SLOPE OF GLEN WILD RESERVOIR.
Concrete heart wall, 63.5 feet; width at bottom, 14.5 feet; width at top, 3 feet.

Treasurer's Report

Statement of the accounts of the Water Commissioners of the City of Amsterdam, N. Y., showing amounts received and paid out for the year ending April 29, 1911.

RECEIPTS.

April, 1910.

30 Cash on hand.....\$ 28,919 90

May—

3 H. Turner, rent of tool house.....	8 00
11 McCleary, Wallin & Crouse, for 1" meter	17 25
21 H. F. Bowler, material.....	35 28
23 Lena Laniga, 1910 tax No. 1937.....	4 82
23 Jones Bros, Buffalo Ranch circus, short term...	5 00
26 Francis Morris, short term, No. 254....	75
28 H. Turner, rent of tool house.....	8 00
31 J. C. Wright, use of telephone.....	30

June—

1 Lindsay & Dodds, material.....	38 25
10 Y. M. C. A., 1908 tax No. 3582.....	75
13 Empire Trust Co., from sinking fund to purchase bonds...	30,000 00
13 Schenectady Trust Co., from sinking fund to purchase bonds.....	12,634 50
16 Wilkie & Platt, refund.....	2 25
29 J. R. Snell, 9 gallons graphite paint...	11 70

July—

1 H. Turner, rent of tool house.....	8 00
14 F., J. & G. R. R. Co., material.....	3 36

16 Schenectady Trust Co., from special deposit.....	1,510 60
16 Empire Trust Co., from special deposit.....	971 60
20 Chase Bros, material.....	41 69
22 C. Dwyer, material.....	13 50

August—

2 H. Turner, rent of tool house.....	8 00
17 Klauder-Weldon D. M. Co., refund....	50
17 Geo. B. Smeallie, 1908 tax, short term..	5 85
17 Geo. B. Smeallie, 1908 tax, No. 3138....	16 13
19 H. A. Sammons, shut off water.....	1 00
19 Emma J. Mitchell, 1908 tax.....	7 50

September—

1 Mercantile Trust Co., from special deposit.....	12,000 00
2 J. C. Wright, use of telephone.....	70
3 H. Turner, rent of tool house.....	8 00
19 John Carbonelli, tapping pipe.....	20 50
29 Mercantile Trust Co., from special deposit.....	1,292 78
29 Mercantile Trust Co., from special deposit.....	5,082 89

October—

4 Mercantile Trust Co., from special deposit.....	3,000 00
4 H. Turner, rent of tool house.....	8 00

November—

1 H. Turner, rent of tool house.....	8 00
23 H. F. Bowler, material.....	1 75
29 Mercantile Trust Co., from special deposit.....	5,000 00
30 H. Turner, rent of tool house.....	8 00

December—

2 Mercantile Trust Co., from special deposit.....	1,000 00
---	----------

6 Perkins Foundry Co., scrap iron.....	13 04
December 1910 —	
9 C. Dwyer, material.....	88 66
16 J. Carney, canceled rebate.....	1 50
31 Mercantile Trust Co., from special deposit.....	599 87
31 Mercantile Trust Co., from special deposit.....	64 04
31 Mercantile Trust Co., from special deposit.....	32 12
January 1911—	
1 H. Turner, rent of tool house.....	8 00
23 Chas. M. Rose, filling cistern.....	1 00
24 Mercantile Trust Co., from special deposit.....	1,139 18
24 Mercantile Trust Co., from special deposit.....	89
24 Mercantile Trust Co., from special deposit.....	1 03
24 Mercantile Trust Co., from special deposit.....	650 00
February—	
7 H. Turner, rent of tool house.....	8 00
27 Mercantile Trust Co., from special deposit.....	7,500 00
March—	
7 H. Turner, rent of tool house.....	8 00
April—	
1 Hygeia Ice Co., rent for ice contract....	1,227 00
4 G. Vicherlla, balance of tax, 1911.....	25
10 Thomas Wirsocky, 1894 inc., 1908 taxes.	11 73
11 A. J. & J. H. Lenahan, material.....	7 50
14 Burns & Quinlan, 1908 tax, No. 352....	75
17 Shuttleworth Bros. Co., material.....	42 80
18 Rempis & Gallmeyer, refund.....	42 90
	<hr/>
	\$113,153 36

Tax roll, 1909.....	1,227 08
Tax roll, 1910.....	11,646 51
Tax roll, 1911.....	36,213 42
Metered water, 1909-10.....	2,583 78
Metered water, 1910-11.....	20,961 83
Interest on arrears.....	219 52
Builders' permits, 1910-11.....	191 92
Short term permits, 1910-11.....	548 40
	<hr/>
	\$186,745 82

DISBURSEMENTS.

April, 1910—	Voucher No.	Amount
29 Pay roll.....	8931	\$ 839 87
29 Expense account.....	8932	11 25
29 J. H. Noonan.....	8933	5 00
29 Fred Crannell.....	8934	54 50
29 Jambottisti & Bellen.....	8935	53 26
29 Joseph Lyon.....	8936	127 79
29 C. Reichel.....	8937	2 50
29 John E. Larrabee.....	8938	3 43
29 W. H. Cramer.....	8939	18 96
29 H. Wagner, Jr.....	8940	3 00
29 Safety Seal Co.....	8941	48 75
29 Keating & Hagen.....	8942	1 50
29 Ludlow Valve Mfg. Co.....	8943	14 25
29 W. J. Kline & Son.....	8944	18 00
29 Amsterdam Auto. Telephone Co..	8945	9 73
29 Chas. Millar & Son Co.....	8946	53 15
29 Bank of Manhattan Co.....	8947	5 75
29 Engineering Record.....	8948	3 00
29 Francis Gilliland's Sons.....	8949	3 57
29 Amsterdam Lumber Co.....	8950	11 21
29 Postal Telegraph Cable Co.....	8951	92
29 Pittsburg Meter Co.....	8952	18 20
29 Union Water Meter Co.....	8953	176 40
29 New York Telephone Co.....	8954	9 15
29 Sarah M. Bronson....	8955	75

29 James T. Sugden, et. ano.....	8956	75
29 Josie Wytraul...	8957	1 50
29 James Doak...	8958	1 88
29 Morning Sentinel...	8959	4 50
29 John E. Larrabee.....	8960	34 54
29 George Arata...	8961	18 70
29 John Kavanaugh...	8962	3 00
29 C. S. Nisbet.....	8963	836 37

May—

20 N. Y. C. & H. R. R. Co.....	8964	36 61
26 The Schenectady Savings Bank..	8965	700 00
26 National Park Bank.....	8966	4,312 50

June—

1 Pay roll...	8967	784 12
1 Expense account...	8968	17 80
1 Fred Crannell.....	8969	54 00
1 Fred Crannell...	8970	50 00
1 Moyes Bros....	8971	3 05
1 Broadalbin Drug Co.....	8972	3 35
1 James Smith...	8973	1 50
1 Bingham & Taylor.....	8974	50 40
1 Chas. Millar & Son Co.....	8975	18 70
1 F. Gilliland's Sons.....	8976	4 17
1 Fred Davey...	8977	5 05
1 Amsterdam Lumber Co.....	8978	17 55
1 U. S. Cast Iron Pipe & F. Co...	8979	374 50
1 Chas. J. Moreck.....	8980	3 65
1 New York Telephone Co.....	8981	10 75
1 Amsterdam Auto. Telephone Co..	8982	8 75
1 Harvey M. Geer.....	8983	49 11
1 Aird-Don Co....	8984	21 47
1 Neptune Meter Co.....	8985	65
1 Union Water Meter Co.....	8986	104 58
1 W. J. Kline & Son.....	8987	14 38
1 The Morning Sentinel...	8988	11 88
1 National Park Bank.....	8989	5 39
1 H. C. Grieme Co.....	8990	14 63

1 Joseph Lyon...	8991	90 18
1 Water Works Equipment Co....	8992	25 30
1 George Arata...	8993	31 82
1 McConnell & Cramer.....	8994	6 86
1 John E. Larrabee.....	8995	14 32
1 J. H. Noonan.....	8996	42 00
1 John W. Bolger.....	8997	1 88
1 Angelo Andi...	8998	1 88
1 Mary B. Taylor.....	8999	1 88
1 Rebecca Strain...	9000	1 88
1 Sabina Messelbeck...	9001	1 88
1 R. J. Lindsay.....	9002	1 88
1 D. Robinson...	9003	1 88
1 Gustave Smith...	9004	1 00
1 John R. Blood.....	9005	3 00
1 Louis Waterstreet...	9006	75
1 Sarah Manifold.....	9007	2 25
1 Behr Bros.....	9008	1 50
1 Mary E. Lindsay.....	9009	3 00
1 Frank Hartig...	9010	1 43
1 William Faulds...	9011	2 25
1 Samuel Wood...	9012	3 76
1 Mary Mythen Estate.....	9013	6 00
1 Wilkie & Platt.....	9014	2 25
1 Harvey M. Geer.....	9015	218 60
9 N. W. Halsey & Co.....	9016	1,924 17
9 N. W. Halsey & Co.....	9017	947 71
11 Amsterdam Savings Bank.....	9018	30,000 00
11 Amsterdam Savings Bank.....	9019	12,634 50
27 Schenectady Savings Bank.....	9020	10,026 25
27 N. Y. C. & H. R. R. Co.....	9021	37 87

July—

1 Pay roll...	9022	819 50
1 Expense account...	9023	87 65
1 Fred Crannell...	9024	98 50
1 H. M. Geer.....	9025	564 60
1 Chas. J. Morck.....	9026	4 50

1 McConnell & Cramer.....	9027	44 10
1 E. W. Johnson & Son.....	9028	10 00
1 E. Olmstead.....	9029	2 20
1 Thomson Meter Co.....	9030	70 06
1 National Meter Co.....	9031	23 15
1 George Arata.....	9032	39 98
1 Wm. J. Kline & Son Co.....	9033	19 00
1 The Morning Sentinel.....	9034	10 50
1 New York Telephone Co.....	9035	10 10
1 N. Jambottisti.....	9036	179 31
1 Charles Millar & Son Co.....	9037	77 99
1 W. E. Hennessy.....	9038	26 25
1 J. H. Noonan.....	9039	22 50
1 J. E. Larrabee.....	9040	20 18
1 Joseph Dixon Crucible Co.....	9041	52 00
1 Chuctanunda Gas Light Co.....	9042	1 80
1 Ludlow Valve Mfg. Co.....	9034	327 07
1 U. S. Cast Iron Pipe & F. Co.....	9044	347 14
1 Frank Cummins.....	9045	42 21
1 Bingham & Taylor.....	9046	44 37
1 Nelson Bros.....	9047	23 33
1 G. F. Machold.....	9048	1 50
1 Fred E. Ulcher.....	9049	1 00
14 R. E. Heningham.....	9050	1,460 55
16 The Savings Bank of Utica.....	9051	5,849 35
16 The Savings Bank of Utica.....	9052	4,268 43
26 N. W. Halsey & Co.....	9053	6,033 75

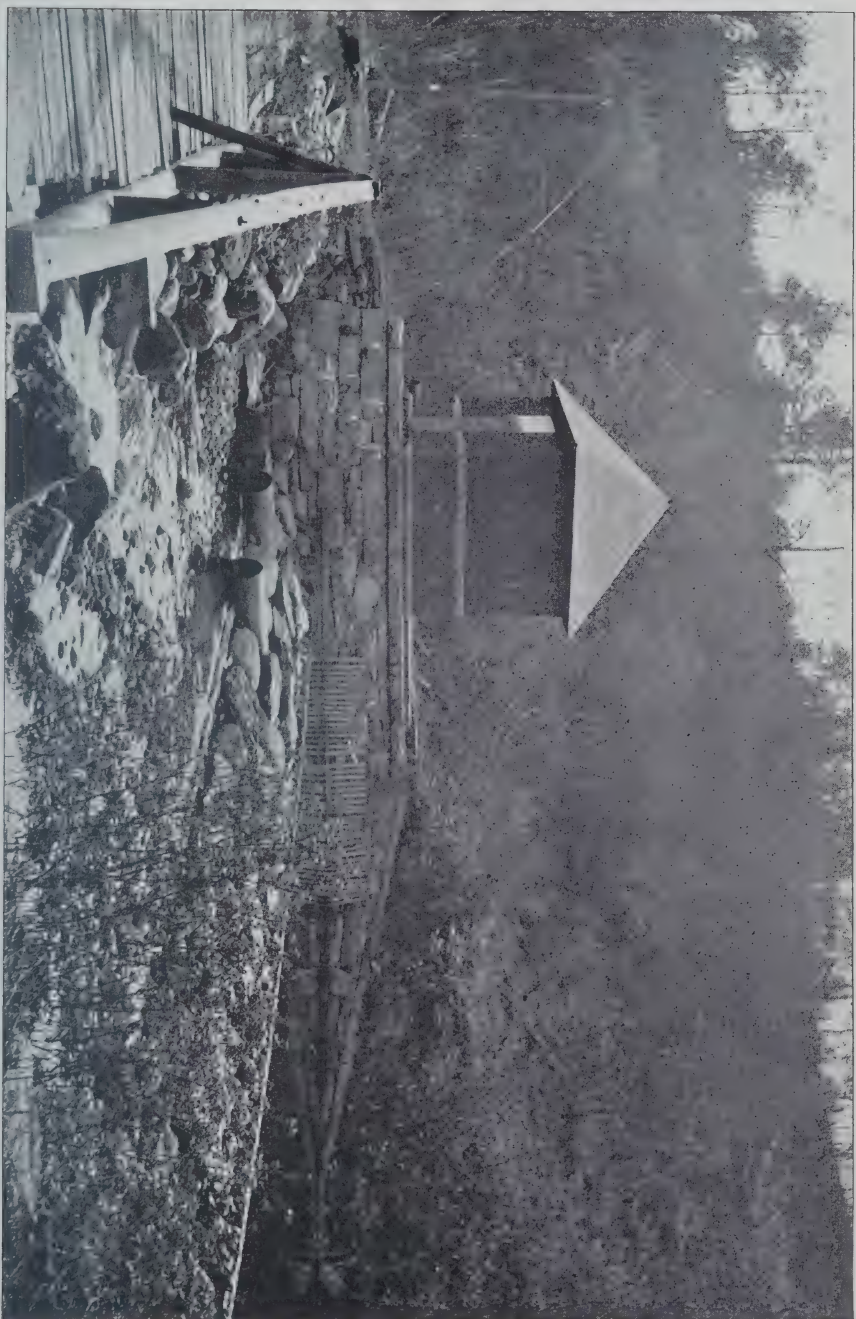
August—

1 Pay roll.....	9054	818 48
1 Expense account.....	9055	15 31
1 Fred Crannell.....	9056	112 50
1 The Klauder-Weldon D. M. Co..	9057	1 00
1 New York Telephone Co.....	9058	16 15
1 Amsterdam Auto. Telephone Co..	9059	17 50
1 Charles Millar & Son Co.....	9060	64 32
1 Ludlow Valve Mfg. Co.....	9061	217 00
1 Ludlow Valve Mfg. Co.....	9062	144 60

1 Wm. J. Kline & Son Co.....	9063	203 63
1 The Morning Sentinel.. . . .	9064	14 25
1 J. E. Larrabee.....	9065	5 85
1 National Meter Co.....	9066	4 04
1 Thomson Meter Co.....	9067	23 28
1 Union Water Meter Co.....	9068	24 69
1 F. W. Sheppard Publishing Co..	9069	3 00
1 Hugh Donlon.....	9070	4 10
1 Brookside Lumber Co.....	9071	4 49
1 Southard & Pierce.....	9072	5 50
1 H. C. Grieme Co.....	9073	1 15
*	9074	
*	9075	
*	9076	
1 C. Dwyer.. . . .	9077	12 08
1 Chase Bros.....	9078	92
1 George Arata....	9079	34 70
1 New York Telephone Co.....	9080	1 77
1 Arthur Hill & Co.....	9081	1 85
1 McConnell & Cramer.....	9082	1 20
1 Glen Telephone Co.....	9083	13 20
1 J. H. Noonan.....	9084	20 75
1 Charles J. Morck.....	9085	1 35
1 N. Jambottisti... . .	9086	182 71
1 Donlon & Moore.....	9087	2 00
1 H. M. Geer.....	9088	811 32
1 Guy Park Cement Co.....	9089	14 40
1 McCleary, Wallin & Crouse....	9090	2 81
1 Moses Newburger... . .	9091	4 13
1 George W. Mosier.....	9092	3 75
1 Leo Baumann.. . . .	9093	3 50
1 Wilda Brown.. . . .	9094	4 25
1 John Carney.. . . .	9095	1 50
1 Albert Pikul.. . . .	9096	75
1 Agnes Galvin....	9097	4 50
1 N. D. Simpson.....	9098	1 50
30 The Dime Savings Bank, Brook-		
lyn, N. Y.....	9099	937 50



CARETAKER'S RESIDENCE, GLEN WILD.



HANS CREEK DIVERTING DAM.

30 Emily H. West et al, trustees....	9100	112 50
30 Joseph H. Reaney.....	9101	187 50
30 Marion D. Graves.....	9102	37 50
30 N. W. Halsey & Co.....	9103	18 75
30 Amsterdam Savings Bank.....	9104	2,125 00
30 N. Y. C. & H. R. R. Co.....	9105	28 15

September—

1 Karl Isburgh.....	(9074)	50 00
1 Wm. Castler.....	(9075)	10 00
1 Merriam & Howland....	(9076)	40 00
1 Pay roll.....	9106	795 97
1 Expense account....	9107	11 65
1 Fred Crannell.....	9108	149 75
1 Joseph Lyon.....	9109	486 78
1 Wm. J. Kline & Son Co.....	9110	155 74
1 The Morning Sentinel.....	9111	14 50
1 Karl Isburgh.....	9112	15 00
1 Bingham & Taylor.....	9113	40 80
1 McClumpha Grocery Co.....	9114	5 61
1 Water Works Equipment Co....	9115	94 60
1 Amsterdam Auto. Telephone Co..	9116	8 75
1 New York Telephone Co.....	9117	11 55
1 George Arata.....	9118	36 68
1 Chase Bros.....	9119	1 04
**.....	9120	
1 J. H. Noonan.....	9121	19 00
1 Charles Millar & Son Co.....	9122	757 27
1 Amsterdam Lumber Co.....	9123	14 03
1 H. Wagner, Jr.....	9124	90
1 Ludlow Valve Mfg. Co.....	9125	408 94
1 Ross Valve Co.....	9126	264 00
1 N. Y. C. & H. R. R. Co.....	9127	2 10
1 M. J. Devine.....	9128	2 97
1 R. E. Heningham.....	9129	10,000 00
1 Behr Bros.....	9130	1 68
1 W. S. C. Lewis.....	9131	3 38
1 Louis Hack.....	9132	75

1 Estelle Vossler...	9133	3 75
1 John K. Stewart.....	9134	3 25
3 N. Y. C. & H. R. R. Co.....	9135	77 86
29 Albany City Savings Institution.	9136	2,925 00
29 Manhattan Co. Bank.....	9137	625 00
29 Manhattan Co. Bank.....	9138	275 00
29 Manhattan Co. Bank.....	9139	250 00
29 Manhattan Co. Bank.....	9140	378 76
29 National Savings Bank of Albany	9141	250 00
29 The Savings Bank of Utica.....	9142	600 00
29 The Amsterdam Savings Bank...	9143	1,300 00

October—

3 H. C. Grieme.....(9120)		15 85
3 Pay roll...	9144	767 72
3 Expense account...	9145	23 10
3 Fred Crannell...	9146	173 00
3 Joseph Lyon...	9147	651 99
3 N. Jambottisti...	9148	45 25
3 N. Jambottisti...	9149	407 05
3 George Arata...	9150	39 98
3 Charles Millar & Son Co.....	9151	13 65
3 Municipal Eng. Co.....	9152	2 00
3 F. H. Cummins.....	9153	98 78
3 J. H. Noonan.....	9154	15 00
3 Wm. Daye...	9155	20 00
3 J. Addison Hart.....	9156	63 02
3 New York Telephone Co.....	9157	12 40
3 Amsterdam Auto. Telephone Co.	9158	8 75
3 H. M. Geer.....	9159	819 13
3 R. D. Wood & Co.....	9160	721 68
3 Union Water Meter Co.....	9161	191 80
3 Howgate Bros....	9162	15 00
3 Water Works Equipment Co....	9163	19 80
3 Wm. J. Kline & Son.....	9164	26 50
3 W. B. Wilmot.....	9165	8 00
3 Engineering Record...	9166	3 00
3 Amsterdam Lumber Co.....	9167	15 99

3 Aird-Don Co.....	9168	13 09
3 Manhattan Co. Bank.....	9169	3 87
3 Fred Davey....	9170	1 60
3 Charles J. Moreck.....	9171	3 50
3 Ned Flansburg, collector.....	9172	325 50
3 J. H. VanDerbogart, collector...	9173	70 31
3 Wm. Woodrick, collector.....	9174	15 47
3 Stephen Briskie, collector.....	9175	5 63
3 T. L. Sheerwood, collector.....	9176	85 75
3 Wilbur Chase, collector.....	9177	34 00
3 John Foss, collector.....	9178	86 97
3 Ervin A. Soule, collector.....	9179	121 59
3 Wm. Lasher, collector....	9180	174 14
18 N. Y. C. & H. R. R. Co.....	9181	154 42

November—

1 Pay roll....	9182	687 72
1 Expense account....	9183	16 28
1 Fred Crannell.....	9184	72 50
1 Ludlow Valve Mfg. Co.....	9185	337 47
1 J. H. Noonan.....	9186	5 50
1 George Arata....	9187	18 29
1 Wm. J. Kline & Son.....	9188	13 13
1 Nelson Bros....	9189	9 00
1 B. F. Jones.....	9190	70 00
1 U. S. Cast Iron Pipe & F. Co....	9191	1,428 82
1 Bingham & Taylor.....	9192	40 80
1 H. C. Grieme Co.....	9193	1 91
1 John E. Larrabee.....	9194	6 55
1 Perkins Foundry Co.....	9195	1 20
1 Water Works Equipment Co....	9196	68 20
1 H. L. Reed.....	9197	30 00
1 Howgate Bros....	9198	4 00
1 Ross Valve Co.....	9199	157 50
1 Crandall Packing Co.....	9200	95 60
1 Joseph Lyon....	9201	60 84
1 Klauder-Weldon D. M. Co.....	9202	2 00
1 Amsterdam Auto. Telephone Co..	9203	8 75

1 New York Telephone Co.....	9204	15	13
1 Augustus Juedes, collector.....	9205	61	99
1 Louis W. Mosher, collector.....	9206	29	86
1 Henry Bowers, collector.....	9207	4	45
1 John Windbiel.....	9208	1	50
1 Phillie Bellen & D. DeRosa.....	9209	466	95
1 Joseph Lyon.....	9210	461	44
1 Charles J. Morek.....	9211	3	05
29 Dime Savings Bank, Brooklyn, N. Y.....	9212	3,712	50
29 The Schenectady Savings Bank.....	9213	525	00
29 National Park Bank.....	9214	450	00

December—

1 Pay roll.....	9215	635	36
1 Expense account.....	9216	19	79
1 Fred Crannell.....	9217	72	40
1 Union Water Meter Co.....	9218	175	00
1 Thomson Meter Co.....	9219	8	40
1 Ludlow Valve Mfg. Co.....	9220	269	50
1 Postal Telegraph Co.....	9221	3	04
1 Keating & Hagen.....	9222	3	00
1 Fred Davey.....	9223	3	84
1 Charles Millar & Son Co.....	9224	31	05
1 Mason & Lofts.....	9225	11	53
1 McCaffrey Bros.....	9226	30	00
1 C. Dwyer.....	9227	60	35
1 J. C. Markman, collector.....	9228	65	65
1 Amsterdam Hygeia Ice Co.....	9229	5	50
1 Klauder-Weldon D. M. Co.....	9230	75	
1 Joseph Lyon.....	9231	81	49
1 Joseph Lyon.....	9232	722	29
1 Phillie Bellen et ano.....	9233	173	95
1 Phillie Bellen et ano.....	9234	132	36
1 N. Jambottisti.....	9235	427	78
1 New York Telephone Co.....	9236	12	25
1 Amsterdam Auto. Telephone Co.....	9237	8	75
1 Pittsburgh Meter Co.....	9238	2	74

1 George Arata...	9239	45 70
1 Perkins Foundry Co.....	9240	40 39
1 A. L. Carpenter.....	9241	2 00
1 J. H. Noonan.....	9242	4 50
1 Broadalbin Lumber Co.....	9243	4 40
1 National Park Bank.....	9244	1 12
1 Edward Barton & Son.....	9245	35 00
1 Charles J. Moreck...	9246	1 75
1 John Duell...	9247	8 00
1 George W. Mosier.....	9248	16 25
1 F. H. Cummins.....	9249	134 63
30 Pay roll...	9250	676 33
30 Expense account...	9251	3 70
30 Fred Crannell...	9252	57 00
30 Jas. H. Noonan.....	9253	3 00
30 Wm. J. Kline & Son.....	9254	3 00
30 B. Piano...	9255	2 25
30 Klauder-Weldon D. M. Co.....	9256	18 20
30 Union Water Meter Co.....	9257	52 74
30 Pittsburg Meter Co.....	9258	1 75
30 Thomson Meter Co.....	9259	26 70
30 C. Dwyer...	9260	12 18
30 H. C. Grieme Co.....	9261	52 65
30 Seely Conover.....	9262	18 00
30 Standard Oil Co. of New York.	9263	2 62
30 N. Jambottisti...	9264	22 41
30 New York Telephone Co.....	9265	12 15
30 Amsterdam Auto. Telephone Co.	9266	8 75
30 W. W. Finch & Co.....	9267	14 70
30 John E. Larrabee.....	9268	9 23
30 The Morning Sentinel...	9269	8 13
30 Hagedorn & Vail.....	9270	21 26
30 Merriam & Howland.....	9271	25 00
30 Engineering Record...	9272	3 00
30 Municipal Eng. Co.....	9273	2 00
30 George Arata...	9274	26 84

January, 1911—

24 B. W. Seely, collector.....	9275	1,906 81
24 Andrew Palmateer, collector....	9276	550 13
24 E. S. Morris, collector.....	9277	168 07
24 F. A. Lansing, collector.....	9278	1,124 87

February—

1 Pay roll... .	9279	773 31
1 Expense account... .	9280	12 85
1 Fred Crannell... .	9281	56 00
1 Greenslete & Jeans.....	9282	3 50
1 D. W. Soule.....	9283	3 15
1 A. Lasher... .	9284	16 50
1 Geo. E. Winslow.....	9285	1 50
1 J. E. Larrabee.....	9286	6 00
1 Jas. H. Noonan.....	9287	4 50
1 A. D. Wickham.....	9288	4 20
1 L. H. Baird.....	9289	1 50
1 Standard Oil Co.....	9290	4 55
1 H. O. Wilkie.....	9291	2 00
1 Earl F. Voight.....	9292	1 15
1 Chas. J. Morek.....	9293	6 80
1 Ludlow Valve Mfg. Co.....	9294	122 02
1 Auto. Directories Co.....	9295	5 00
1 Phillie Bellen & E. DeRosa.....	9296	38 28
1 N. Jambottisti... .	9297	22 84
1 Joseph Lyon... .	9298	90 28
1 Amsterdam Auto. Telephone Co..	9299	8 75
1 Glen Telephone Co.....	9300	7 20
1 McConnell & Cramer.....	9301	16 65
1 George Arata... .	9302	30 57
1 Water Works Equipment Co....	9303	15 30
27 Dime Savings Bank, Brooklyn, N. Y.... .	9304	937 50
27 Marion D. Graves.....	9305	37 50
27 National Park Bank.....	9306	318 75
27 Amsterdam Savings Bank.....	9307	7,125 00

March—

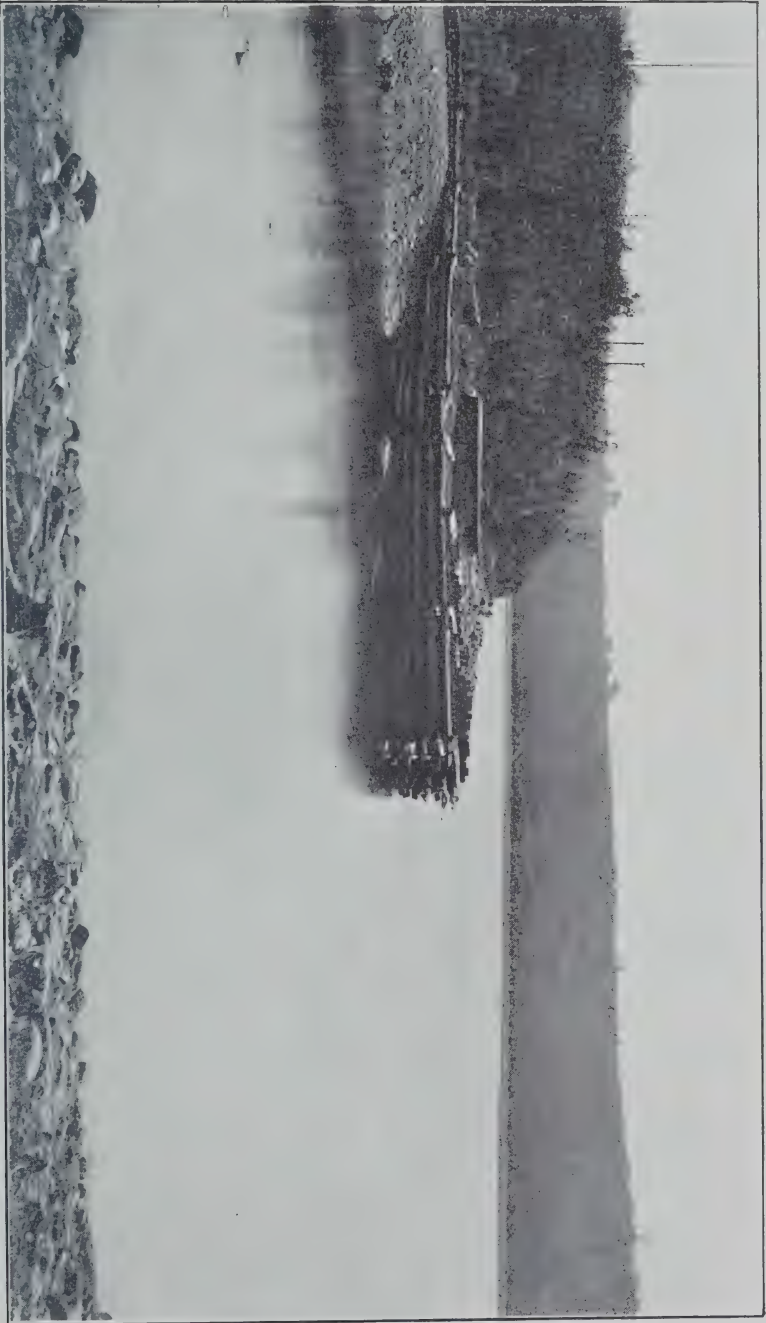
1 Pay roll...	9308	581 39
1 Expense account...	9309	5 49
1 Fred Crannell...	9310	336 89
1 Fred Crannell...	9311	50 00
1 McConnell & Cramer.....	9312	9 00
1 Jas. H. Noonan.....	9313	1 50
1 Chuctanunda Gas Light Co.....	9314	7 35
1 Vanderbilt & Donnelly.....	9315	4 00
1 Standard Oil Co.....	9316	2 60
1 G. H. Sherman.....	9317	2 10
1 Ludlow Valve Mfg. Co.....	9318	70 12
1 Amsterdam Auto. Telephone Co..	9319	8 75
1 New York Telephone Co.....	9320	17 45
1 N. Jambottisti...	9321	53 47
1 Joseph Lyon...	9322	60 84
1 Edward F. Dwyer.....	9323	23 50
1 Thomson Meter Co.....	9324	48 00
1 George Arata...	9325	21 98
1 Chas. J. Morek.....	9326	1 20
30 Albany City Savings Institution.	9327	2,925 00
30 Manhattan Co. Bank.....	9328	1,528 76
30 National Savings Bank, Albany..	9329	250 00
30 The Savings Bank of Utica.....	9330	600 00
30 The Amsterdam Savings Bank...	9331	1,300 00
31 Pay roll.....	9332	661 37
31 Expense account...	9333	8 75
31 Fred Crannell...	9334	74 40
31 Rempis & Gallmeyer F. Co.....	9335	42 90
31 Aird-Don Co.....	9336	12 60
31 W. W. Finch & Co.....	9337	9 60
31 Alex. Murdoch...	9338	92 75
31 Ludlow Valve Mfg. Co.....	9339	40 80
31 Hersey Mfg. Co.....	9340	15 80
31 J. E. Larrabee.....	9341	1 35
31 Klauder-Weldon D. M. Co.....	9342	1 95
31 Fred Friday...	9343	2 50

31 Chas. Millar & Son Co.....	9344	53	53
31 Amsterdam Auto. Telephone Co..	9345	8	75
31 New York Telephone Co.....	9346	8	40
31 The National Park Bank.....	9347	1	00
31 Belle VanDerveer... .	9348	1	13
31 Andrew Bezack... .	9349	1	88
		<hr/>	
		\$152,909	10
April 29, cash on hand.....		33,920	92
		<hr/>	
		\$186,830	02
Checks not paid in 1909-10 paid in 1911,			
Nos. 8717-8862... .		12	30
		<hr/>	
		\$186,842	32
Less checks not paid, 1910-11, Nos. 9133-			
9338... .		96	50
		<hr/>	
		\$186,745	82

We, the Finance Committee of the Board of Water Commissioners, for the purpose of examining the books and accounts of Treasurer James T. Sugden and James R. Snell, Superintendent, hereby certify that we have examined the books, accounts and vouchers of said treasurer and superintendent, from May 1, 1910, to date, and find the same to be correct.

Dated, Amsterdam, N. Y., April 29, 1911.

WILLIAM McCLEARY, Chairman.
A. W. BREEDON,
JOHN P. NELSON.



LITTLE ROUND LAKE.

SHAN-DA-KEN CASCADE—RAPID WATER.



Meters Installed

Chuctanunda Gas Light Co.....	2"	Keystone	Sept. 19, 1908
N. Y. C. Depot.....	1"	Union	Mar. 1, 1910
Armour & Co.....	3/4"	Union	Mar. 17, 1909
John Mitchell, Railroad St.....	5/8"	Keystone	Mar. 18, 1910
Evening Recorder... .	3/4"	Union	Mar. 1, 1910
W. E. Hennessy, Lunch Room.....	5/8"	Union	Mar. 1, 1910
Frank Palmentier... .	5/8"	Keystone	Mar. 1, 1910
A. W. Breedon, Railroad St.....	5/8"	Union	Mar. 1, 1910
Farmers National Bank, Lunch, Rail- road St.....	5/8"	Union	Mar. 1, 1910
Morse Photo Gallery.....	5/8"	Keystone	Mar. 1, 1910
Holzheimer & Shaul.....	4"	Thomson	Aug. 14, 1908
Holzheimer & Shaul, Ejector.....	3/4"	Union	Mar. 1, 1910
Michael McNamara, Saloon.....	5/8"	Keystone	Mar. 1, 1910
F., J. & G. Waiting Room.....	5/8"	Union	Mar. 1, 1910
Electric Lunch Room, 60 E. Main St..	5/8"	Union	Mar. 1, 1910
Cassidy & Cregg, 5 1/2 Church St.....	3/4"	Union	Mar. 1, 1910
Patrick Sullivan, 10 Church St.....	5/8"	Union	Mar. 1, 1910
Ben Lichtman, 8 Church St.....	5/8"	Union	Mar. 1, 1910
John Humler, 12 Church St.....	5/8"	Union	Mar. 1, 1910
A. V. Morris, Laundry, Church St.*..	5/8"	Union	Mar. 1, 1910
A. Irons, 56 E. Main St.....	5/8"	Union	Mar. 1, 1910
D. D. Cassidy in Cellar F. S. Dean....	5/8"	Union	Mar. 1, 1910
Nelson Merwin, 76 1/2 E. Main St.....	5/8"	Union	Mar. 1, 1910
D. D. Cassidy in West Cellar.....	3/4"	Union	Mar. 1, 1910
Robertson & Best, Drugs.....	5/8"	Union	Mar. 1, 1910
Jay Hare, Saloon, 73 E. Main St.....	1"	Union	Mar. 1, 1910
Richard Gomm, Saloon, E. Main St....	3/4"	Union	Mar. 1, 1910
Richard Gomm, Saloon, E. Main St....	3/4"	Union	Mar. 1, 1910
Richard Muirhead, Saloon.....	3/4"	Union	Mar. 1, 1910
Opera Cafe, J. Hare, 91 E. Main St....	5/8"	Union	Mar. 1, 1910
William Toomey, Saloon, E. Main St..	3/4"	Union	Mar. 1, 1910
Geo. A. Mutimer, Drugs, 94 E. Main St.	5/8"	Union	Mar. 1, 1910
Behr Bros., 96 E. Main St.....	5/8"	Keystone	Mar. 1, 1910
Jennie Fellesy, 98 E. Main St.....	5/8"	Union	Mar. 1, 1910
Warner Hotel Elevator.....	4"	Union	Apr. 26, 1910
Hotel Warner Supply.....	1 1/2"	Union	Mar. 1, 1910
Hotel Warner Supply.....	1"	Union	Mar. 1, 1910

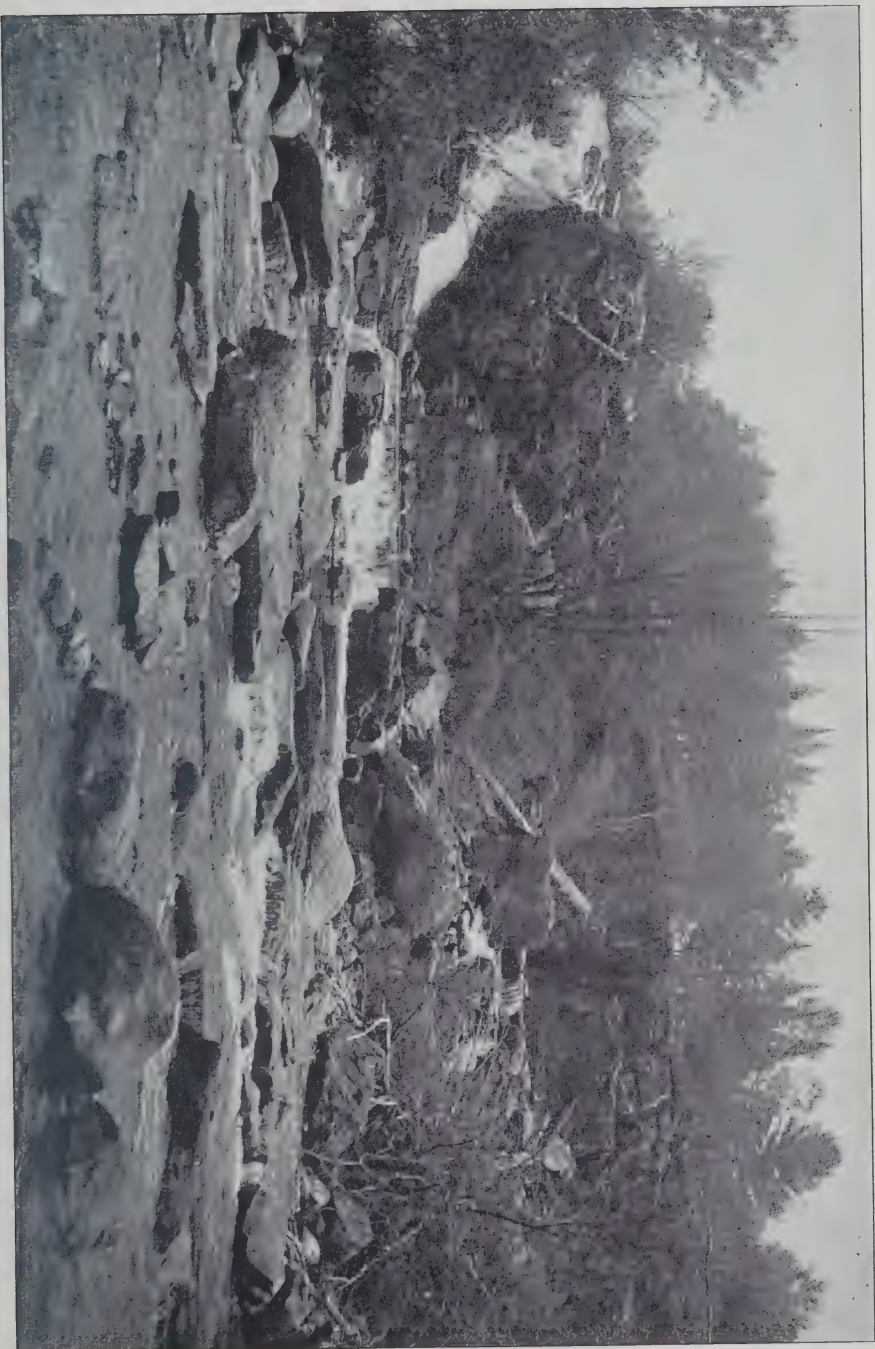
Jas. H. Noonan, Walnut St., Front....	$\frac{3}{4}$ "	Union	May 24, 1909
Jas. H. Noonan, Walnut St., Back....	$\frac{5}{8}$ "	Hersey	Apl. 1, 1909
Greene & Warnick, Walnut St.....	4"	Union	Aug. 25, 1908
Greene & Warnick, Walnut St.....	$\frac{3}{4}$ "	Union	Apl. 18, 1910
American Broom & Brush Co.....	2"	Union	Mar. 19, 1909
William McKeogh, 109 E. Main St....	$\frac{5}{8}$ "	Keystone	Mar. 1, 1910
Mohican Co., E. Main St.....	1"	Union	Mar. 1, 1910
Mohican Co., E. Main St.....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
Stenard Bakery, E. Main St.....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
John Karuzus, Drugs, 125 E. Main St.	$\frac{5}{8}$ "	Union	Mar. 1, 1910
Owens & Spanbauer, 127 $\frac{1}{2}$ E. Main St.	$\frac{5}{8}$ "	Keystone	Mar. 1, 1910
Albert W. Breedon Needle Shop.....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
James Lavigne, Cosmos House.....	$\frac{3}{4}$ "	Union	Mar. 1, 1910
John Kelly, Jr., Saloon, E. Main S....	$\frac{3}{4}$ "	Union	Mar. 1, 1910
Guksto & Luyksis, 7 Washington St...	$\frac{5}{8}$ "	Union	Mar. 1, 1910
Harry Hall, Fountain, E. Main St....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
Winters Bakery, E. Main St.....	$\frac{5}{8}$ "	Keystone	Apl. 2, 1910
Blood Knitting Co., Washington St....	1 $\frac{1}{2}$ "	Thomson	Feb. 20, 1909
Blood Knitting Co., Washington St....	1"	Thomson	Mar. 8, 1909
Blood Knitting Co. Hamilton St.....	$\frac{3}{4}$ "	Union	Mar. 24, 1909
N. Y. C. Freight House.....	1"	Union	Mar. 1, 1910
N. Y. C. Tower.....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
Willis Wendell, Office.....	4"	Union	May 2, 1910
Willis Wendell, No. 4.....	4"	Union	May 2, 1910
Willis Wendell, No. 2.....	4"	Union	May 2, 1910
Willis Wendell, No. 8.....	4"	Eureka	Apl. 20, 1910
N. Y. C. Stand Pipe, Voorhees St.....	4"	Eureka	Apl. 21, 1910
Ontario Button Co.....	2"	Eureka	May 4, 1910
St. Mary's Church Organ.....	3"	Eureka	Apl. 26, 1910
St. Mary's Church Organ.....	2"	Union	Apl. 21, 1910
H. W. Case, Bottling Works.....	$\frac{5}{8}$ "	Thomson	Apl. 3, 1910
St. Mary's School, Ejector.....	$\frac{3}{4}$ "	Union	Mar. 22, 1910
M. Kucis, Bakery, 179 E. Main St....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
Max Brown, Laundry, E. Main St....	$\frac{5}{8}$ "	Keystone	Mar. 1, 1910
Behr Bros., Cafe, 191 E. Main St....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
Andrew Schoefler, Cafe, Pulling St...	$\frac{5}{8}$ "	Keystone	Mar. 1, 1910
St. Michael's Church, Grove St.....	1 $\frac{1}{2}$ "	Union	Apl. 21, 1909
Michael Sagatis, 27 Schuyler St.....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
Stasis Sargaitis, 23 Schuyler St.....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
Andrew Taberski, 17 Schuyler St.....	$\frac{5}{8}$ "	Keystone	Mar. 1, 1910
Frank Danato, Williams Alley.....	$\frac{5}{8}$ "	Keystone	Mar. 1, 1910
Peter Alexandrowitz, 193 E. Main St..	$\frac{5}{8}$ "	Keystone	Mar. 1, 1910
Wm. Stanislowitz, 197 E. Main St...	$\frac{5}{8}$ "	Keystone	Mar. 1, 1910
James Jamkarutis, 203 E. Main St....	$\frac{5}{8}$ "	Union	Mar. 1, 1910
James Martin, 207 E. Main St.....	$\frac{5}{8}$ "	Union	Mar. 1, 1910

BOARD OF WATER COMMISSIONERS

59

John Derca, 221 E. Main St.....	5/8"	Trident	Mar. 1, 1910
Carbonella Fish Market 221 E. Main St.	5/8"	Keystone	Mar. 1, 1910
Wm. Markes, Baker, 223 E. Main St...	5/8"	Union	Mar. 1, 1910
Nick Roberts...	5/8"	Trident	Oct. 21, 1910
Nick Roberts, 214 E. Main St.....	5/8"	Thomson	Mar. 27, 1910
Michael Quinn, 237 E. Main St.....	5/8"	Keystone	Mar. 1, 1910
David Lorenzo, 48 John St.....	5/8"	Keystone	Mar. 1, 1910
Harry Coates, 261 E. Main St.....	5/8"	Union	Mar. 1, 1910
St. Casimir's Church E. Main St. Organ	1"	Trident	June 8, 1909
St. Casimir's Baths, E. Main St.....	1"	Union	Mar. 1, 1910
Silas VanAlstyne, 279 E. Main St....	5/8"	Union	Mar. 1, 1910
Charles Bigler, 291 E. Main St.....	5/8"	Keystone	Mar. 1, 1910
Margaret Morrison, 39 Elk St.....	5/8"	Keystone	Mar. 28, 1910
Amsterdam Silk Mills, Elk St.....	3"	Lambert	Oct. 28, 1909
Shuttleworth Bros., Elk St.....	1"	Union	Apl. 18, 1910
Shuttleworth Bros. Woolen Mill.....	2"	Union	Apl. 25, 1911
Shuttleworth Bros., Old Mill.....	2"	Union	Apl. 25, 1911
Shuttleworth Bros., DeGraff St.....	4"	Eureka	Aug. 31, 1910
W. S. Shuler Spring Co.....	1"	Union	Apl. 5, 1911
Paul Kriger, 159 E. Main St.....	5/8"	Keystone	Mar. 1, 1910
Yund, Kennedy & Yund.....	3"	Union	Jan. 12, 1909
Yund, Kennedy & Yund.....	3"	Union	Apl. 23, 1910
Yund, Kennedy & Yund.....	2"	Empire	May 10, 1910
Yund, Kennedy & Yund.....	2"	Union	May 10, 1910
M. Salzman, Liquors.....	5/8"	Union	Mar. 1, 1910
Wm. Wilson, Jr., Drugs, 43 E. Main St.	3/4"	Union	Mar. 1, 1910
Jas. Svolos, Fountain, 46 E. Main St.	5/8"	Union	Mar. 1, 1910
Hatcher, Florist, 50 E. Main St.....	5/8"	Union	Mar. 1, 1910
R. J. Lindsay, Drugs, 48 E. Main St..	5/8"	Union	Mar. 1, 1910
Van B. Wheaton, 30 E. Main St.....	5/8"	Union	Mar. 1, 1910
Hoose Dental Co.....	5/8"	Union	Mar. 1, 1910
Quinlan Dental Co., 26 E. Main St....	5/8"	Union	Mar. 1, 1910
Payne Candy Kitchen...	5/8"	Union	Mar. 1, 1910
James Svolos, 20 E. Main St.....	5/8"	Union	Mar. 1, 1910
Empire Studio, 13 E. Main St.....	5/8"	Union	Mar. 1, 1910
Cleveland Wheaton, 23-25 E. Main St.	5/8"	Union	Mar. 1, 1910
Hampshire Pearl Button Co.....	3"	Trident	May 12, 1908
Hampshire Pearl Button Co.....	3/4"	Thomson	Apl. 13, 1909
Adolph Schoen, 17 E. Main St.....	5/8"	Keystone	Mar. 1, 1910
Wilkie & Platt.....	4"	Lambert	Sept. 1, 1908
Adams, Drugs, 12 E. Main St.....	5/8"	Union	Mar. 1, 1910
C. W. Skinner, Drugs, 8 E. Main St..	5/8"	Union	Mar. 1, 1910
D. B. Van Aken, Drugs, 3 E. Main St..	5/8"	Union	Mar. 1, 1910
Wilhelm Heldt, 6 West Main St.....	5/8"	Thomson	Apl. 3, 1911
Harry Bowhall, Fish Market.....	5/8"	Union	Mar. 15, 1910

Pasquale DiMezza, 9 West Main St...	5/8"	Union	Mar. 1, 1910
Joseph Gaffney, Dentist, Market St...	5/8"	Union	Mar. 1, 1910
Wm. B. Charles, West Main St.....	4"	Crest	Sept. 9, 1908
Rulison Block, Ejector.....	5/8"	Keystone	Mar. 26, 1910
Barnes Hotel, Market St.....	2"	Union	Mar. 1, 1910
Green & Warnick, Garage, Market St.	3/4"	Thomson	Apl. 2, 1911
Greene & Warnick, Elevator.....	4"	Eureka	Mar. 1, 1910
A. V. Morris & Sons, Market St.....	2"	Crown	Feb. 16, 1909
A. V. Morris, Market St.....	3/4"	Union	Mar. 1, 1910
Chas. W. Becker, Market St.....	1"	Union	Oct. 1, 1909
Sugden, Faulds & Deforest, P. O. Bldg.	5/8"	Keystone	Mar. 1, 1910
Blood Building, Elevator, Market St...	4"	Union	Feb. 12, 1910
Blood Building, Elevator, Market St...	5/8"	Keystone	Mar. 2, 1910
Geo. Turner, Dentist, Market St.....	5/8"	Union	Mar. 1, 1910
N. C. Becker, Drugs, Market St.....	5/8"	Keystone	Mar. 25, 1910
Henry Yostmeyer, Hotel, Market St...	1"	Union	Aug. 16, 1910
Ernst Kurlbaum, Market St.....	5/8"	Keystone	Mar. 1, 1910
Felton's Fish Market.....	5/8"	Union	Mar. 1, 1910
Morning Sentinel Office.....	5/8"	Keystone	Mar. 1, 1910
Johnson Hilton, Florist.....	5/8"	Keystone	Mar. 28, 1910
N. D. Simpson, Baker, Market St....	5/8"	Union	Mar. 1, 1910
Dr. Riggs, Drugs, Market St.....	5/8"	Union	Mar. 1, 1910
W. H. Kaufman, Baker, Market St....	5/8"	Union	Mar. 1, 1910
Howgate Bros., Garage, Division St...	5/8"	Union	Mar. 1, 1910
Dr. A. D. Young, Dentist, Division St.	5/8"	Union	Mar. 1, 1910
Dr. A. D. Young, Dentist, Division St.	5/8"	Union	Mar. 1, 1910
Joseph White, Livery, Division St....	5/8"	Keystone	Mar. 16, 1910
Dr. Reynolds, Dentist, Market St....	5/8"	Union	Mar. 1, 1910
Dr. Thresher, Dentist, Market St....	5/8"	Union	Mar. 1, 1910
Dr. Henderson, Drugs, Market St....	5/8"	Union	Mar. 1, 1910
Klauder & Weldon, Market St.....	1 1/2"	Lambert	Dec. 13, 1909
John Noonan, Cafe, Market St.....	5/8"	Keystone	Mar. 1, 1910
Max L. Otto, Market St.....	5/8"	Keystone	Mar. 1, 1910
Frank Hotaling, Florist, Market St...	5/8"	Union	Mar. 1, 1910
Jacob L. Wagenhiem, Cafe, Market St.	5/8"	Keystone	Mar. 20, 1910
R. Traxon, Cafe, Spring & Market Sts.	5/8"	Union	Mar. 1, 1910
Anna Blocker, 14 Spring St.....	5/8"	Keystone	Mar. 15, 1910
James H. Noonan, Livery, Spring St...	3/4"	Thomson	Feb. 8, 1911
John Mergner, Spring St.....	5/8"	Union	Oct. 21, 1909
W. B. Wilmot, Livery.....	3/4"	Thomson	Apl. 3, 1911
Inman Mfg. Co., Spring St.....	2"	Thomson	Mar. 20, 1909
George Rogers, Drugs, Spring St....	5/8"	Keystone	Mar. 1, 1910
Edward Bigler, Cafe, Spring St.....	5/8"	Union	Mar. 1, 1910
Louis Hack, Baker, Spring St.....	5/8"	Keystone	Mar. 1, 1910
James Shuler, Wall St.....	5/8"	Keystone	Mar. 1, 1910



TI-O-RAN-DA CASCADE—TWO STREAMS MEET.

BOARD OF WATER COMMISSIONERS

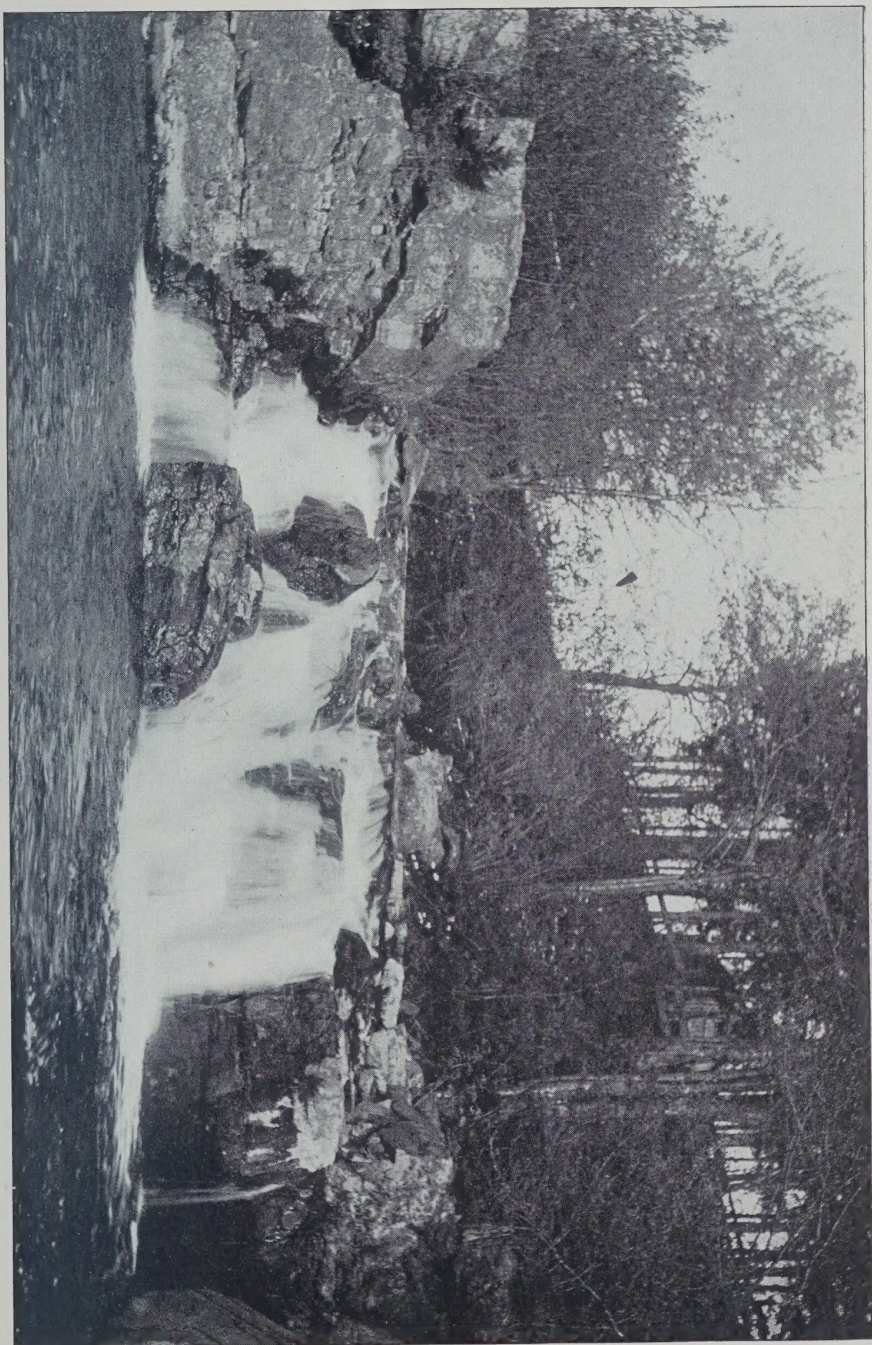
61

Edward Grosse, Cafe, Spring St.....	5/8"	Keystone	Mar. 1, 1910
H. McNeil, Spring St.....	3/4"	Trident	Mar. 2, 1909
Pioneer Broom Co., Pine St.....	1"	Thomson	Oct. 21, 1909
Atlas Knitting Co.....	2"	Lambert	Dec. 18, 1909
Shuttleworth Dyeing Co.....	2"	Thomson	Mar. 27, 1909
John K. Stewart, Liddle Mill.....	3"	Union	Apl. 26, 1909
Clover Leaf Milk Co.....	3/4"	Union	Apl. 12, 1910
Thomas Griffin, Cafe.....	5/8"	Keystone	Mar. 19, 1910
Geo. Hands, West Main St.....	5/8"	Keystone	Mar. 20, 1910
Gardiner & Warring....	4"	Union	May 12, 1909
Harry F. Bowler, Brewery.....	4"	Eureka	Apl. 5, 1910
Electric Lunch, 36 E. Main St.....	5/8"	Union	Sept. 3, 1910
Conrad Hotel....	4"	Union	Nov. 23, 1910
Conrad Hotel....	1 1/2"	Union	Nov. 23, 1910
Van Brocklin & Stover Co., Ann St..	4"	Meter	Sept. 16, 1910
Van Brocklin & Stover Co., Ann St..	2"	Thomson	Nov. 23, 1910
Van Brocklin & Stover Co., Ann St..	1 1/2"	Union	Apl. 19, 1910
Quackenbush Cafe, Henrietta St.....	5/8"	Keystone	Mar. 1, 1910
Greene & Warnick, Stewart St.....	3/4"	Union	Oct. 1, 1909
Emmanuel Church....	2"	Union	Mar. 16, 1910
Empire Laundry, Division St.....	2"	Union	Apl. 16, 1910
Steadwell, Druggist, Division St.....	5/8"	Keystone	Mar. 1, 1910
H. M. Stowitts, Dentist, Odd Fellows..	5/8"	Union	Mar. 1, 1910
Wilson & Whitney, McDonnell St....	3/4"	Union	Feb. 16, 1910
St. Luke's English Lutheran Church..	1 1/2"	Union	Apl. 26, 1910
Frank Hotaling, Academy St.....	5/8"	Hersey	May 5, 1909
Johnson Hilton, Bunn St.....	5/8"	Union	Mar. 1, 1910
Edward Gillans, Drugs, Market St....	5/8"	Union	Mar. 3, 1910
Leo Bauman, Baker, Market St.....	5/8"	Union	Mar. 1, 1910
H. F. Banta, Drugs.....	5/8"	Keystone	Mar. 1, 1910
Stahl, Baker, Elizabeth St.....	5/8"	Union	Mar. 1, 1910
Amsterdam Broom Co.....	2"	Lambert	Oct 28, 1909
Brookside Ave. Hotel.....	5/8"	Keystone	Mar. 1, 1910
Oscar Kerricker, Prospect St.....	5/8"	Union	Mar. 1, 1910
Evangelical Church, Elizabeth St....	1 1/2"	Union	Apl. 15, 1910
James Smith, 44 Lyon St.....	5/8"	Keystone	Mar. 6, 1910
Wallin Hotel, Lyon St.....	5/8"	Keystone	Mar. 1, 1910
L. L. Dean, Lyon St.....	1 1/2"	Lambert	Mar. 31, 1909
L. E. Harrower, Box Shop.....	1"	Union	Mar. 1, 1910
William Hugo, Clizbe Ave.....	5/8"	Keystone	Mar. 1, 1910
Burmester & Cornell, 386 Locust Ave.	5/8"	Keystone	Mar. 1, 1910
Geo. W. Mosier, 266 Locust Ave.....	5/8"	Keystone	Mar. 1, 1910
Mose Hampton, 224 Locust Ave.....	5/8"	Keystone	Mar. 7, 1910
Frank Lampkin, Cafe, 219 Locust Ave.	5/8"	Keystone	Mar. 3, 1910
Fred Friday, Hotel, 8 Bridge St.....	1 1/2"	Union	Mar. 1, 1910

W. G. Kingsley, 3 Bridge St.....	5/8"	Keystone	Mar. 1, 1910
Whitney, Cafe, Bridge St.....	5/8"	Union	Mar. 1, 1910
Tony Calafano, Cafe, Bridge St.....	5/8"	Union	Mar. 1, 1910
Carbonelli, Baker Shop, Bridge St....	5/8"	Union	Mar. 1, 1910
Eva Wicks, 26 Bridge St.....	5/8"	Keystone	Mar. 1, 1910
Carbonelli, Cafe, Bridge St.....	5/8"	Keystone	Mar. 1, 1910
Pasquala DiMezza, Bridge St.....	5/8"	Keystone	Mar. 1, 1910
Baird Bros. Livery, River St.....	5/8"	Union	May 25, 1909
Baird Bros. Livery, River St.....	3/4"	Union	May 25, 1909
James Fusco, Hotel, River St.....	3/4"	Union	May 5, 1910
James Fusco, Bakery, River St.....	5/8"	Union	Mar. 1, 1910
Perkins Foundry Co.....	3/4"	Trident	Feb. 9, 1909
Francis Gilliland & Sons.....	5/8"	Trident	Feb. 9, 1909
A. Morrello, Bakery, Gilliland Ave....	5/8"	Keystone	Mar. 1, 1910
Frank StJohn, 19 Gilliland Ave.....	5/8"	Union	Mar. 1, 1910
Pedro Ryon, 44 Gilliland Ave.....	5/8"	Union	Mar. 27, 1909
Dominick Thomson, Cafe.....	5/8"	Keystone	Mar. 1, 1910
Vosburgh Hotel, Bridge St.....	5/8"	Union	Mar. 23, 1911
Brennen & Bruso, Cafe, Bridge St....	5/8"	Keystone	Mar. 1, 1910
Carl Schwartz, Hotel, Bridge St.....	5/8"	Union	Mar. 1, 1910
West Shore Depot.....	5/8"	Keystone	Mar. 1, 1910
Geo. W. Jones, Drugs.....	5/8"	Union	Mar. 1, 1910
Frank Cobb or McKinney & Newkirk.	2"	Empire	Apl. 3, 1909
W. N. Carpenter, Erie St.....	2"	Union	Apl. 25, 1910
H. C. Grieme Est., Mill.....	5/8"	Keystone	Mar. 1, 1910
H. C. Grieme Est., Mill.....	3/4"	Trident	Feb. 2, 1909
Geo. Sandy, Cafe, Broad St.....	5/8"	Union	Mar. 1, 1910
A. V. Morris, Nelson Mill.....	4"	Union	Mar. 21, 1909
Fownes Bros., Grove St.....	2"	Union	Apl. 23, 1909
A. V. Morris & Sons, No. 1 Mill.....	4"	Union	Mar. 14, 1909
A. V. Morris, No. 4.....	2"	Union	Feb. 27, 1909
John K. Stewart, McDonnell Mill....	1 1/2"	Union	Apl. 19, 1910
John K. Stewart & Sons, Globe Mill..	4"	Union	Feb. 5, 1909
John K. Stewart & Sons, Old Mill....	4"	Union	Apl. 3, 1909
John K. Stewart, Old Mill.....	3/4"	Thomson	Apl. 17, 1909
John K. Stewart, Greene Mill.....	3/4"	Union	Mar. 17, 1909
John K. Stewart, Greene Mill, 3.....	3"	Lambert	Apl. 25, 1909
Gardiner Broom Co.....	2"	Union	May 1, 1910
Presbyterian Church.....	2"	Thomson	May 2, 1909
Isaac W. Chase.....	3/4"	Thomson	Oct. 21, 1909
Guy Wheaton, Front.....	5/8"	Thomson	May 4, 1909
Guy Wheaton, Back.....	5/8"	Thomson	May 15, 1909
Platter Bros.....	5/8"	Union	May 4, 1909
Chas. Stevens, Cafe.....	5/8"	Keystone	Mar. 1, 1910
Allen Davidson, 45 Greene St.....	5/8"	Keystone	Mar. 1, 1910

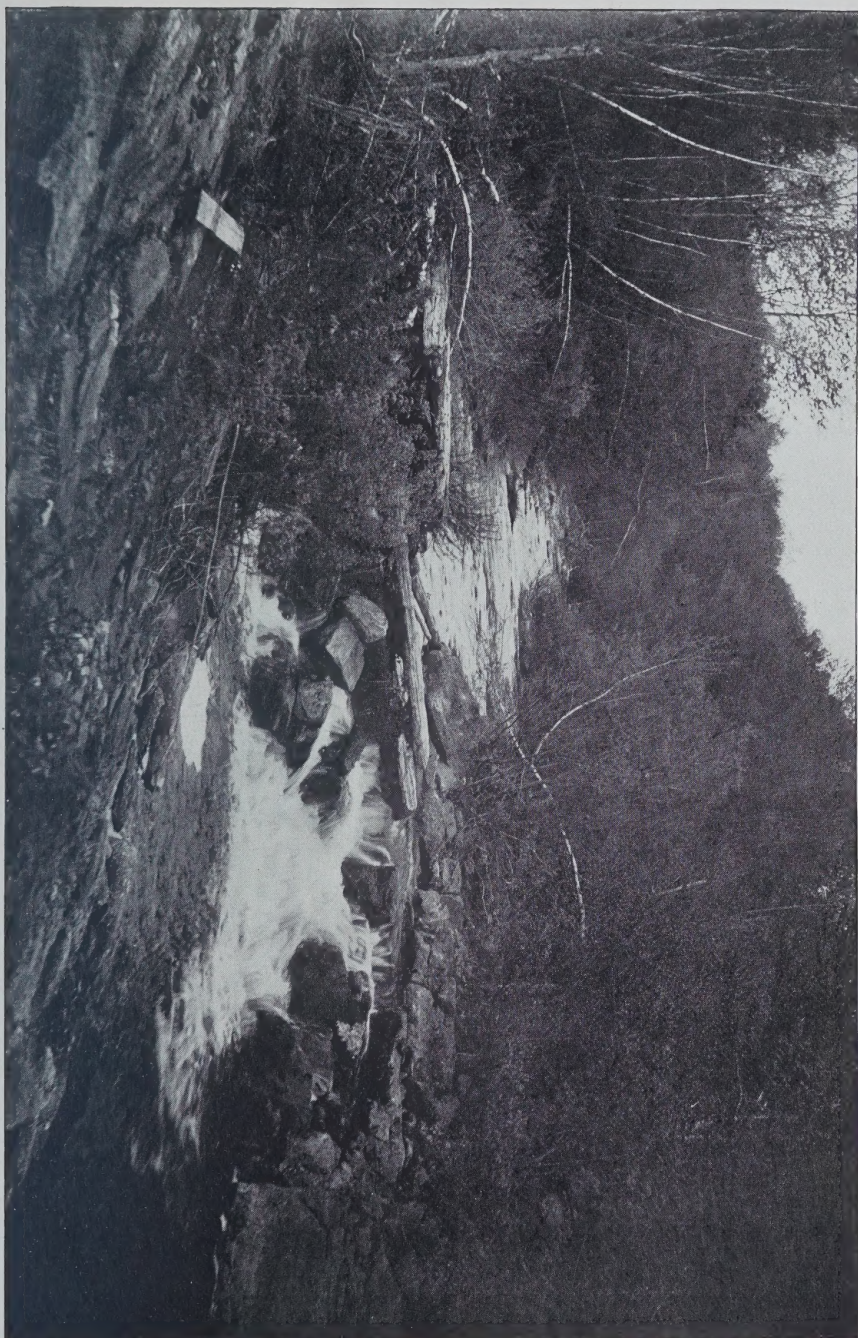
S. Sanford & Sons, New Mill, Prospect	2"	Union	Mar. 1, 1910
S. Sanford & Sons, Stone Mill	2"	Trident	Oct. 25, 1909
S. Sanford & Sons, Prospect St.	3/4"	Union	Mar. 1, 1910
S. Sanford & Sons, Prospect St.	3/4"	Thomson	Mar. 1, 1910
S. Sanford & Sons, Willow St.	2"	Union	Mar. 1, 1910
S. Sanford & Sons, Willow St.	3/4"	Union	Mar. 1, 1910
S. Sanford & Sons, Willow St.	3/4"	Union	Mar. 1, 1910
S. Sanford & Sons, Willow St.	3/4"	Union	Mar. 1, 1910
S. Sanford & Sons, Drum Room No. 31		Union	Mar. 1, 1910
Green Hill Cemetery	5/8"	Keystone	Mar. 1, 1910
St. Karner Hotel	5/8"	Union	Mar. 1, 1910
John Boggie, 45 Willow St.	5/8"	Union	Mar. 1, 1910
Patrick Meehan, 49 Willow St.	5/8"	Union	Mar. 1, 1910
Mezzano & Barbegalata, 51 Willow St.	5/8"	Keystone	Mar. 1, 1910
Geo. McCombes, 73 Willow St.	5/8"	Keystone	Mar. 1, 1910
Domonick Busanish, 50 Park St.	5/8"	Keystone	Mar. 1, 1910
August Sawatka, Baker, 1 Third Ave.	5/8"	Union	Mar. 1, 1910
Kasner & Mosner, Grand St.	5/8"	Union	Mar. 1, 1910
John Marcz, Milton Ave.	5/8"	Union	Mar. 1, 1910
Pianoski & Kosonski, Milton St.	5/8"	Keystone	Mar. 1, 1910
Michael Barezev, 41 VanDerveer Ave.	5/8"	Union	Mar. 1, 1910
Nick Johannes, 33 Union St.	5/8"	Keystone	Mar. 16, 1910
Thomas Mullarkey, 161 Church St.	5/8"	Union	Mar. 1, 1910
T. Fitzgerald	3/4"	Thomson	May 1, 1910
Kellogg & Miller, New Mill	3/4"	Union	Apl. 7, 1910
Kellogg & Miller	3/4"	Union	May 16, 1909
Kellogg & Miller	3/4"	Worth'g'n	May 1, 1909
Kellogg & Miller	2"	Thomson	June 13, 1909
Empire State Power Co., Church St.	3/4"	Union	May 13, 1909
Vance Androsky, 18 Jay St.	5/8"	Union	Mar. 1, 1910
M. Kosiba, 55 James St.	5/8"	Union	Mar. 1, 1910
M. Wisniewski, 72 James St.	5/8"	Keystone	Mar. 1, 1910
Frank Gentile, 83 James St.	5/8"	Keystone	Mar. 1, 1910
Stephen Putfro, 85 James St.	5/8"	Keystone	Mar. 1, 1910
Jake Gomulka, 32 James St.	5/8"	Keystone	Mar. 1, 1910
Michael Wytraul, 7 1/2 Sugden St.	5/8"	Union	Mar. 1, 1910
John Puglise, 43 Reid St.	5/8"	Gamon	Mar. 29, 1910
N. Y. C. Standpipe, Reids Hill	4"	Nilo	Apl. 12, 1910
Barcyk Kleuczski, 37 Reid St.	5/8"	Union	Mar. 1, 1910
Karl Insel Baker, 16 Reid St.	5/8"	Union	Mar. 1, 1910
Antonio Caffrella, 44 Reid St.	5/8"	Keystone	Mar. 1, 1910
E. W. Johnson & Son	3/4"	Thomson	Feb. 9, 1909
St. Stanislaus' Church, Cornell St.	1"	Thomson	Mar. 9, 1909
Duglise Deluca, 55 Reid St.	5/8"	Union	Mar. 1, 1910
A. V. Morris & Sons, Paper Mill	2"	Union	Feb. 12, 1909

Nicolo Jambottisti, Erie St.....	5/8"	Union	Oct. 20, 1910
John Koziol, 307 Forest Ave.....	5/8"	Union	Mar. 1, 1910
August Myers Baker, Forest Ave.....	5/8"	Union	Mar. 1, 1910
Chas. Buchanan, 371 Forest Ave.....	5/8"	Keystone	Mar. 1, 1910
McCleary, Wallin & Crouse, Forest Ave.2"		Union	May 10, 1910
McCleary, Wallin & Crouse, Forest Ave.4"		Thomson	May 10, 1910
McCleary, Wallin & Crouse,Boiler room2"		Worth'g'n	Oct. 16, 1910
McCleary, Wallin & Crouse, Lyon St..2"		Union	May 10, 1910
McCleary, Wallin & Crouse, Old Mill..2"		Union	May 10, 1910
McCleary, Wallin & Crouse, Old Mill..2"		Union	May 10, 1910
McCleary, Wallin & Crouse, Office.....	5/8"	Keystone	Mar. 1, 1910
Edward Benjamin, Livery.....	5/8"	Thomson	May 15, 1908
First M. E. Church.....	2"	Thomson	May 1, 1910
John Colson, Livery.....	5/8"	Thomson	Mar. 15, 1908
Baptist Church.	1 1/2"	Union	Apl. 27, 1910
St. Ann's Church.....	2"	Union	Apl. 28, 1910
Temple of Israel.....	1"	Union	Apl. 21, 1910
F., J. & G. Car Barn.....	5/8"	Union	Mar. 1, 1910
F., J. & G. Offices, Division St.....	5/8"	Keystone	Mar. 1, 1910
Dr. Mabie, Dentist, E. Main St.....	5/8"	Union	Apl. 27, 1911
McCordy Mfg. Co., off Market St.....	3/4"	Thomson	Apl. 27, 1911
Sheridan Bottling Works, Corey St....	5/8"	Union	Apl. 27, 1911
Alonzo Wilkes, Upper Division St.....	5/8"	Union	Apl. 28, 1911
Livery Stable on Grove St.....	5/8"	Union	Apl. 28, 1911
Conrad Cement Works.....	3/4"	Thomson	Apl. 17, 1911
Total.....	333"		



SHO-SAIS-TO—REBOUNTING FALLS.

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS



GAS-KO-SA-DA—THE FALL.

UNIVERSITY OF ILLINOIS-URBANA



3 0112 119916044

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS